

**PASTEUR INSTITUTE OF INDIA, COONOR–  
NILGIRIS 643 103**

Ph.0423 2231852, Fax - 0423-2231655

Dated: 11/06/2021

**CORRIGENDUM**

**CLARIFICATION AND AMENDMENTS ISSUED WITH REGARD TO SUBMISSION OF TECHNICAL AND FINANCIAL BID FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF CLEAN ROOM AND NON-CLEAN ROOM IP BASED CCTV SYSTEMS, ACCESS CONTROL SYSTEMS, BACK-UP SYSTEMS AND COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT FOR 3 YEARS WITH RESPECT TO TENDER NOTIFICATION NO.PII/ADVT/003/2021 dt.20/05/2021**

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Due to Covid-19 pandemic crisis and current lockdown schedule, on the request from the majority of the bidders it has been decided to further extend the due date of submission of Techno-commercial Bid.

S.No	Description	Schedule
1	Closing date & time for receipt of Tender	24/06/2021, 15.00 Hrs
2	Time and date of opening of Tender	24/06/2021, 15:30 Hrs
3	Venue of opening of Tender	PASTEUR INSTITUTE OF INDIA, COONOR.

The bidders are informed to take the note of the following amendments, made to the original specification

S. No	Page No.	Content	For	Read
1.	Page No 37,38 Point No 12	Data Encryption, Staged SSL/TSL	SSL Encryption, Multi-user Authority, IP Filtering, Password Encryption, Information and Configuration Data Encryption, Staged SSL/TLS	SSL Encryption, Multi-user Authority, IP Filtering, Password Encryption, Information and Configuration Data Encryption, SSL/TLS, Back Door Free Architecture
2.	Page No 38 Point No2	camera lens	The camera lens (Anywhere between 2.7 to 4 mm, AF Automatic focusing lens)	The camera lens (Anywhere between 2.7 to 4 mm, Fixed focusing lens)
3.	Page No 41, S1 No 7	Command & Control Software	The Command & Control Software should be integrated to Google Maps to support position of cameras.	The Command & Control Software should be integrated to Maps (any maps) to support position of cameras. However, bidders should ensure the reliability, integration and seamless operation.

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4.	Page No 41 Point No 3	VMS License	The Management Software shall be licensed and shall operate on open architecture and shall require no proprietary IT hardware.	The Management Software shall be licensed for 200 nos of IP cameras and shall operate on open architecture and shall require no proprietary IT hardware.
5.	Page no 42 point no 14	Command and Control Software	The software shall allow perform Retrieval of archived video, Instant Replay of live video, Use of site maps, Configuration of system settings and Video Analytics	The software shall allow perform Retrieval of archived video, Instant Replay of live video, Use of site maps, Configuration of system settings
6.	Page No 43, point No 52	OS Compatible	Software shall support 3 stream applications, recording, re-play and backup simultaneously. It shall be compatible with windows OS and Linux for highest performance and reliability.	Software shall support 3 stream applications, recording, re-play and backup simultaneously. It shall be compatible with windows OS or Linux for highest performance and reliability.
7.	Page no 47 Point no 1	PoE Switches	16/24 ports 10/100/1000Mbps Web Managed & Cloud managed Switch with 4 Gigabit Combo RJ-45/SFP Ports	16/24 ports 10/100/1000Mbps Web Managed Switch with 4 Gigabit Combo SFP Ports
8.	Page no 47 Point no 3	PoE Switches	Quos Features, Queuing Mechanism: SP and WRR,WFQ, Classifications based on - COS -IP DSCP, Each port supports 8queues LLDP	Quos Features, Queuing Mechanism: SP and WRR, Classifications based on - COS - IP DSCP, Each port supports 8queues LLDP
9.	Page no 47, Point No 2	6 core OFC	Cable containing 6 fibers in water blocked tubes, with corrugated steel taped armoring, Jelly filled with Multiple Loose tubes and Glass yarns in between Steel tape & loose tubes	Cable containing 6 fibers in water blocked tubes, with corrugated steel taped armoring or Glass yarns/Waterproof tape
10.	Page No 51, point No 19	ONVIF for biometric	ONVIF Compatible	This point shall be treated as deleted

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11.	Page No 73 point No 1	Supply, Install, Commission and testing of 5megapixel indoor dome Camera as per complete technical specifications given in Appendix-A or as per site requirement.	Quantity : 56 nos	Quantity: 30 Nos with Two Way Audio Supporting and 26 Nos without Two Way Audio Support
12.	Page No 73 Point No4,	NVR	Supply, Install, Commission and testing of 64Ch NVR as per complete technical specification given in Appendix-A or as per site requirement.	The point shall be treated as deleted.
13.	Page 73 Point no 7	Server Specification	Supply, Install, Commission and testing of Server for LAN connection as per complete specification given in Appendix-A or as per site requirement.	Supply, Install, Commission and testing of <b>01 Nos of Primary server 01 Nos of Secondary Server</b> The Specification for Server is given is Annexure – 1 or as per the site requirement.
14.	Page 74 point 27	Double door EM lock	20 Nos	30 Nos

**ADDENDUM**

1.	Bidders are requested to submit the <b>NDAA</b> certification for camera
2.	Supply, Install, Commission and testing of <b>01 Nos of NAS</b> Storage system with <b>600TB</b> of Enterprises level surveillance storage. The bidder should ensure that minimum 60 days of backup. The Specification for NAS is given in Annexure – 2 or as per the site requirement.
3.	Specification for 6U Rack given in Annexure - 3

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**Annexure – 1**

**Primary and Secondary Server Specification**

<b>S.No</b>	<b>Hardware</b>	<b>Specification</b>	<b>Compliance Yes/No</b>	<b>Reference Document No</b>
1.	CPU	2x Intel® Xeon® Gold 6254 3.1G, 18C/36T, 10.4GT/s, 24.75M Cache, Turbo, HT (200W) DDR4-2933		
2.	Chipset	Intel C604 Chipset or higher		
3.	Memory	48(6x8 GB) GB ,1333 MHz ECC Memory upgradable to 192 GB(12 DIMM Slots)		
4.	Storage	32 TB or better		
5.	RAID Control	Support RAID configuration		
6.	Graphics	Integrated graphic controller		
7.	Optical drive	Internal DVD ROM drive		
8.	Ports	4XUSB,4XRJ45,2X HDMI and 1XVGA		
9.	Keyboard and Mouse	OEM Keyboard and OEM optical mouse		
10.	Chassis and power supply	Server chassis having redundant hot swap power supply		
11.	Remote management	Management of the server over LAN,WAN with SSL encryption		
12.	Accessories	The server should be supplied along with software utilities for system configuration, OS installation and system information, cables, user manual, rack mount kit. Driver software for all the adapters as per the configuration and required operating system		
13.	Operating System	Windows Server		
14.	Antivirus	Yes		
15.	Certification	Windows		

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**Annexure – 2**

**NAS Specification**

<b>S.No</b>	<b>Hardware</b>	<b>Specification</b>	<b>Compliance Yes/No</b>	<b>Reference Document No</b>
1.	CPU	Intel Xeon Quad Core Processor, Max Turbo Speed 3.7GHz		
2.	Memory	16GB DDR4 ECC, shall be scalable up to 32 GB DDR4		
3.	Drive Types Supported	Enterprises level SAS/SATAIII 3.5’’ HDD or SSD		
4.	Hot Swappable Drives	Hot Swappable Drives		
5.	Gigabit LAN Ports	2		
6.	10Gbps LAN Optical SFP+	1		
7.	USB Ports	2X USB		
8.	Cloud-discovery, Setup and Management	Yes		
9.	Data Protection	Yes		
10.	Web-managed Replication for Disaster Recovery	Yes		
11.	Antivirus	Yes		
12.	iSCSI and Thin Provisioning	Yes		

**Annexure – 3**

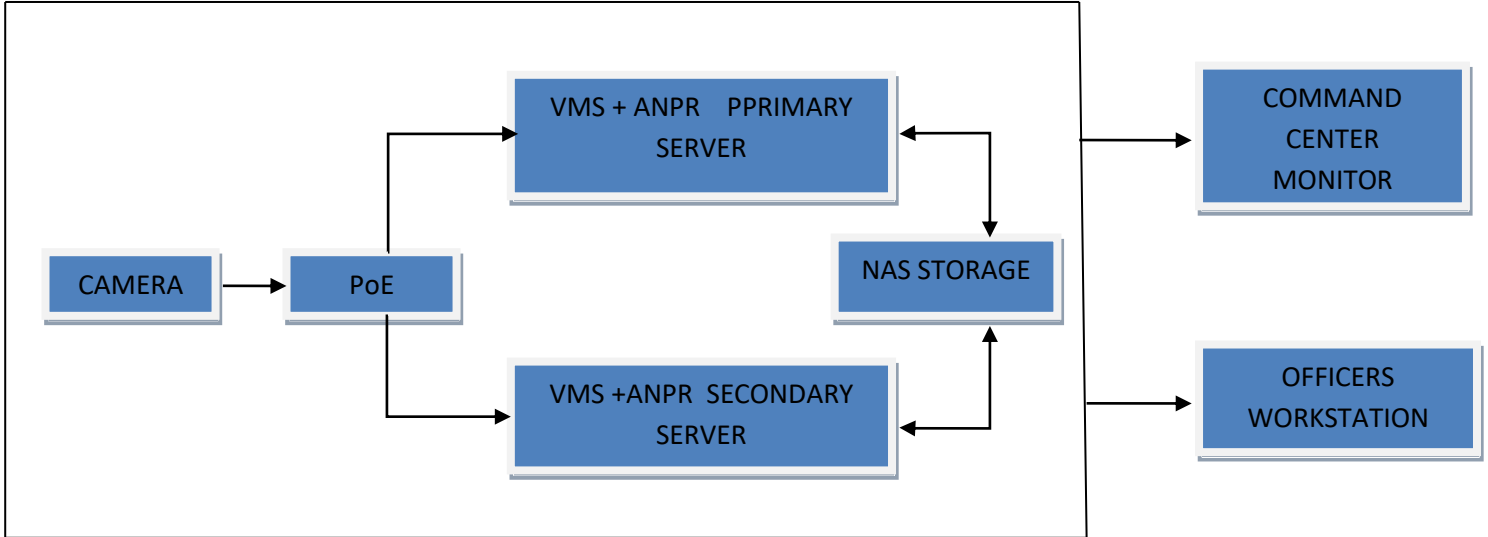
**6u Rack Specification**

<b>S.No</b>	<b>Hardware</b>	<b>Compliance Yes/No</b>	<b>Reference Document No</b>
1.	Front Door with Toughened Glass quality		
2.	Adjustable Mounting rails - Front and Back		
3.	1cooling Fan		
4.	Top and bottom cable entry provides Optimal flexibility for cable management		
5.	Easy wall mount provision.		
6.	Frame structure with minimum loading capacity 40 kg.		

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**SCHEMATIC LAYOUT**



**DIRECTOR**