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ଓଡ଼ିଶା ସାହିତ୍ୟ ଏକାଡେମୀ

ODISHA SAHITYA AKADEMI

ସଂସ୍କୃତି ବିଭାଗ, ଓଡ଼ିଶା ସରକାର  
ସଂସ୍କୃତି ଭବନ, ଭୁବନେଶ୍ୱର-୭୫୧ ୦୧୪  
ଦୂରଭାଷ-(୦୬୭୪) ୨୪୩୧୮୪୦

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**SHORT TENDER CALL NOTICE**Ref No: 777 OSA, Dated: 02/09/2021

Sealed tender is invited from OEM/Authorized supplier/dealer/distributor having valid documents as mentioned below to Supply, Install & Commissioning the IP Based Surveillance System (CCTV) of following items in Office of the Odisha Sahitya Akademi, Odisha, Bhubaneswar. The last date of receipt of the sealed tender is up to **2:00PM of 20/09/2021** and it will be opened at **4:00PM** on the same day at Office of the Odisha Sahitya Akademi, Odisha, Bhubaneswar in the presence of the tenderers or their authorized representatives. The following bellow of Materials required to Supply & Install of Surveillance System (CCTV).

Sl#	Particulars	Qty.	Unit Rate	Total Amount
1	IP Bullet Camera (With POE)	10		
2	IP Dome Camera (With POE)	2		
3	32 Channel NVR	01		
4	Diagonal Size-32 Inches, Resolution -FHD (1920 x 1080), Contrast Ratio 5000:1, Brightness-400, Connectivity-2HDMI, USB & RJ 45	01		
5	PoE Power Splitter/1 to 2 Way DC Power Cable Splitter	22		
6	1 KVA Offline Power System	03		
7	UTP Cable laying through PVC Pip	900 Mtrs		
8	CAT-6 Cable UTP (UOM @ Meter)	3 Nos.		
9	ISI standard PVC pipe/Casing Capping (Heavy Duty) for UTP Cable wiring with Screw, Wall grip etc. (UOM @ Meter)	APSC		
10	8 Port Network Switch 10/100/1000Mbps High Speed With POE	03		
11	9U Networking Rack with Accessories	03		
12	6TB Surveillance HDD	02		
13	Labour charges for cabling with PVC pipe and accessories (UOM @ Meter)	900 Mtrs.		
14	One time Installation, Integration & Hand holding	One-Time		
Total				

## **Terms of Conditions:**

### **1. Scope & Mode of Submission: -**

- The bid should be sealed and super scribed on the cover as “**Short Tender Call Notice for Supply & Install of Surveillance System (CCTV)**”.
- The bidder should be submitted the following valid documents.
  - The bidder should be a registered IT firms with GST Registration / Sale Tax Authority.
  - The bidders must have PAN Card
  - Bidders must to submit last three years ITR file or Authorized Chartered Accountant certificate
  - Delivery, Installation & Commissioning of the service within 4 Weeks receiving of Work Order
  - Warranty shall be covering 3 years from the date of Delivery.
- The bid shall be submitted as per the specification stated in **Annexure-A**, else bid shall be rejected.
- Bid should be sent by Register Post/Speed post to Odisha Sahitya Akademi. OSA takes no responsibility for any loss/delay/non-receipt of bid/offer sent by post or any other arrangement
- Bid through Fax/electronic mode will not be accepted
- Conditional offer/will not be accepted
- OSA authorities reserve the right to increase or decrease the quantity or reject any or all of tenders received without assigning any reason thereof

2. **Validity:** - The bid should be validity for periods of 60 days from the date of publish of bid.

3. **Project Period:** The successfully bidder will be supplied and commissioned the entire equipment within one month and warranty & maintenance period shall be 3 Years after Supply of the equipment's.

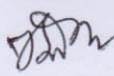
4. **Warranty & Maintenance:** The warranty & maintenance support shall be start from the date of Final Acceptance Test (FAT). The selected bidder shall be responsible to provide warranty & on-site maintenance support for all supplied items for a period of 2 Years.

5. **Training:** The selected bidder shall be responsible for providing end user training at OSA.

6. **EMD:** - The firms are required to deposit of an amount Rs.50,000/- (Forty Thousand Only) (refundable) in shape of Demand Draft/Bankers cheque in favour of “**Odisha Sahitya Akademi**”, **Bhubaneswar**. The EMD amount will not carry any interest and the EMD of unsuccessfully bidder will be returned to the tenderer after finalization of tender. Startup Odisha Companies are exempted from EMD as per finance department notification dated 19.04.2018

7. **Security Deposit:** - The successful bidder shall furnish Performance Bank Guarantee (PBG) i.e., 10% of the final project cost (excluding Tax component) within 15 days from the receipt of work order. The Performance Guarantee shall be kept valid till completion of the project and support period



8. **Consignee:** - Secretary, OSA
9. **Payment:** - The payment shall be made with the following terms;
- Payment shall be made:
    - 100% after successful installation. demonstrate of the system.
    - Necessary operation & Maintenance Support shall be paid equally in Quarterly for One year from Final UAT.
10. **Price:** The price should be quoted as per the format. GST shall be extra as applicable.
11. **Authorisation:** The bidder should be submitted Authorization of OEM for the mentioned product in their bid.
12. **Self-Certification:** The bidder should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of India or any Central and State Government/PSU in the country of India. A self-declaration certificate to this effect should be enclosed.
13. **Evaluation:** The authorities are not bound to accept the lowest financial bid. It is depending on the Proof of Concept (PoC) of the Odisha Sahitya Akademi requirements.
14. **Necessity:** Due to the urgency, single bid is allowed but needs to check the technical specification and pricing negotiation if required.
15. **Delivery of Materials:** - The above materials should be supplied to the Secretary, Odisha Sahitya Akademi, Bhubaneswar within 10 (Ten days) of issue of work order. The successfully bidder shall be submitted the materials delivery acknowledge receipt copy during the payment.
16. **Jurisdiction of Court:** - Suits or legal proceedings if any arising out of the contract shall be filled by either party in a court of law to which the jurisdiction of Hon'ble High Court of Odisha extends.
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**ANNEXURE - A**

SL #			
1	<b>2MP S+265 Starlight Mini 30M IR Dome Camera</b>		
	<b>Make-</b>		
	<b>Model-</b>		
	<b>Features</b>	<b>Specification</b>	<b>Compliances Yes/No</b>
	Camera		
	Image Sensor	1/2.8" CMOS	
	Min. Illumination	Color: 0.001Lux@ (F1.6, ACG ON), B/W: 0Lux with IR	
	Shutter Time	1s to 1/100,000s	
	Day & Night	Dual IR Cut Filter with Auto Switch	
	Wide Dynamic Range	120dB	
	Lens Type	Fixed	
	Focus	2.8mm	
	IR LEDs	8	
	IR Range	Up to 30m	
	Video Compression	S+265/H.265/H.264/M-JPEG	
	Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC	
	Image		
	Max. Resolution	1920x1080	
	Main Stream	PAL: 25fps (1920x1080, 1280x720, 704x576, 640x480)	
		NTSC: 30fps (1920x1080, 1280x720, 704x480, 640x480)	
	Sub Stream	PAL: 25fps (704x576, 704x288, 640x360, 352x288)	
		NTSC: 30fps (704x480, 704x240, 640x360, 352x240)	
	Third Stream	PAL: 25fps(704x576, 704x288, 352x288) NTSC: 30fps(704x480, 704x240, 352x240)	
	Image Enhancement	BLC/3D DNR/HLC/Corridor Format	
	ROI	Support 8 fixed regions of coding	
	Privacy Mask	Yes, 8 regions with Smart Defog	



Alarm Trigger	Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception	
Video Analytics	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Face Capture (Face Detection)	
Network		
ANR	Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, MULTICAST, UPnP, FTP, IPV4, NTP, SMTP, IGMP, 802.11x, QoS, IPV6, ARP, UDP, SNMP, SSL, SIP, Telnet, SNTTP, RTMP, SFTP, NFS	
System Compatibility	ONVIF (PROFILE S/T/G), SDK,	
Communication Interface	1 RJ45 10M/ 100M self-adaptive Ethernet port	
Audio	Mic in	
On-board storage	Built-in Micro SD card slot, up to 512 GB	
Operating Conditions		
Power Supply	DC12V±25%/PoE	
Protection	IP67, IK10, Lightning protection, surge protection and voltage transient protection meets EN 55035:2017	
Certification	BIS, CE & FCC	
<b>2</b>	<b>2MP S+265 Starlight Mini 50M IR Bullet Camera</b>	
<b>Make-</b>		
<b>Model-</b>		
<b>Features</b>	<b>Specification</b>	<b>Compliances Yes/No</b>
Camera		
Image Sensor	1/2.8" CMOS	
Min. Illumination	Color: 0.001Lux@ (F1.6, ACG ON), B/W: 0Lux with IR	
Shutter Time	1s to 1/100,000s	
Day & Night	Dual IR Cut Filter with Auto Switch	
Wide Dynamic Range	120dB	

	Lens		
	Lens Type	Fixed	
	Focus	4mm	
	IR LEDs	2	
	IR Range	Up to 50 m	
	Video Compression	S+265/H.265/H.264/M-JPEG	
	Video Bit Rate	32 Kbps~6 Mbps	
	Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC	
	Max. Resolution	1920×1080	
	Main Stream	PAL: 25fps (1920×1080, 1280×720, 704×576, 640×480)	
		NTSC: 30fps (1920×1080, 1280×720, 704×480, 640×480)	
	Sub Stream	PAL: 25fps (704×576, 704×288, 640×360, 352×288)	
		NTSC: 30fps (704×480, 704×240, 640×360, 352×240)	
	Third Stream	PAL: 25fps(704x576, 704x288, 352x288) NTSC: 30fps(704x480, 704x240, 352x240)	
	Image Setting	Saturation, brightness, contrast, sharpness, adjustable by client software or web browser	
	Image Enhancement	BLC/3D DNR/HLC/Corridor Format	
	ROI	Support 8 fixed regions of coding	
	OSD	16×16, 24×24, 32×32, 48×48, 64×64, adaptable size, Letters Such as Week, Date, Time, Total 8 Regions	
	Picture Overlay	Yes	
	Privacy Mask	Yes, 8 regions	
	Smart Defog	Yes	
	Feature		
	Alarm Trigger	Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception	
	Video Analytics	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking,	
		Crowed, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Face Capture (Face Detection)	
	Early Warning (EW)	N/A	

Network		
ANR	Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, MULTICAST, UPnP, FTP,	
	IPV4, NTP, SMTP, IGMP, 802.11x, QoS, IPV6, ARP, UDP, SNMP, SSL, SIP, Telnet, SNT, RTMP, SFTP, NFS	
System Compatibility	ONVIF (PROFILE S/T/G), SDK,	
Interface		
Communication Interface	1 RJ45 10M/ 100M self-adaptive Ethernet port	
Audio	Mic in	
On-board storage	Built-in Micro SD card slot, up to 512 GB	
General		
Power Supply	DC12V±25%/PoE	
Power Consumption	MAX: 6W (12V) MAX: 7W (PoE)	
Protection	IP67, Lightning protection, surge protection and voltage transient protection meets EN 55035:2017	
Certification	BIS, CE & FCC	
<b>3 S+265 16CH 12MP 4SATA RAID NVR</b>		
<b>Make-</b>		
<b>Model-</b>		
<b>Features</b>	<b>Specification</b>	<b>Compliances Yes/No</b>
Input		
Video Input	16 -ch or Higher	
Max Resolution	12MP	
Two-way Audio Input	1-ch, 3.5mm	
Bandwidth	Income 320Mbps; Outgoing 320Mbps	
Output		
HDMI/VGA Output	HDMI 1-ch, 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1440×900, 1280×800	

	VGA 1-ch, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1440×900, 1280×800	
Decoding		
Decoding Format	S+265/H.265/H.264	
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
Preview Capability	3×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 32×720P, 40×4CIF	
Synchronous Playback	3×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 16×720P	
Records Encryption	Yes	
Hard Disk		
SATA	4 SATA interfaces for 4 HDDs	
Capacity	Up to 10TB for each HDD	
Array Type	JBOD, RAID0/1/5/6/10	
External Interface		
Network Interface	2xRJ45 self-adaptive 10/100/1000 Mbps network interfaces	
USB Interface	1xUSB 2.0, 1xUSB 3.0	
Video Analytics		
VCA	Tripwire/Double Tripwire/Perimeter/ Object Abandon/Object Lost/Running /On Duty Detection/Loitering/Parking/ Early Warning/Face Detection/ Compatible With Face Recognition Camera/Heatmap/ Auto Tracking	
Network		
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, IGMP, QoS, IPV4, IPV6, Multicast, ARP, UDP, SNMP, SSL, Telnet, RTMP, NFS	
System Compatibility	ONVIF (PROFILE S/T/G), SDK, P2P	
General		
Web Version	Web6	
Power Supply	100~240V AC, 50~60 Hz	
Consumption (without HDD)	≤25W (without HDD)	
Chassis	1.5U	
Dimensions	75×347×440mm, (2.95×13.66×17.32 inch)	
Weight (without	3.35Kg (7.38lb)	

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	HDD)		
	Certification	BIS, CE & FCC	

Specification for offline 1 KVA UPS			
MAKE:		MODEL:	
Sl#	Description	Features	Compliance (Yes/No)
<b>Output</b>			
1	Output power capacity	1,000 VA	
2	Output power capacity	670 Watts	
3	Max Configurable Power	1,000 VA	
4	Max Configurable Power	670 Watts	
5	Nominal output voltage	230 VA	
6	Output Voltage Note	Configurable for 220: 230 or 240 nominal output voltage	
<b>Input</b>			
1	Nominal input voltage	230 V	
2	Input frequency	50/60 Hz +/- 3 Hz (auto sensing)	
3	Input voltage range for main operations	160 - 286 V	
4	Input voltage adjustable range for main operations	151 - 302 V	
<b>Batteries &amp; Runtime</b>			
	Battery type	Maintenance -free sealed Lead-Acid battery with suspended electrolyte: leak proof	
	Replacement battery cartridge	RBC6	
	Typical backup time at half load	20.6 minutes (335 Watts)	
	Typical backup time at full load	6.1 minutes (670 Watts)	

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