



एकात्मिक आदिवासी विकास प्रकल्प कार्यालय कळवण अंतर्गत शासकीय वसतिगृह व एकलव्य निवासी शाळेमध्ये
सन 2018-19 करिता सी.सी.टी.व्ही. यंत्रणा कार्यान्वित करणे ई-निविदा क्र. 6836

Annexure - 1 (A)
(शुध्दीपत्रकान्वये सुधारित)

** The vendors must fill all information required in the format given below. It is mandatory to mention the brand name and model name of the products. If the brand name, model name and ISI Mark/ BIS standard products column information of the product is not mentioned (wherever applicable) and kept blank, the technical bid will be rejected without giving any chance for clarification.

Sr.	Product Name	Brand / Company of Products	Model Name	ISI mark / BIS standard products or not	Warranty of the product (required min. 3 years)
1	CCTV Dome Camera 1 MP IP (IK10, IP67)				
2	CCTV Bullet Camera 1 MP IP (Standard IP67)				
3	Surface Box for CCTV camera mounting				
4	NVR 16 channels (Metal) 4 HDD SATA support				
5	NVR 32 channels (Metal) 4 HDD SATA support				
6	Surveillance Hard Disk 4 TB				
7	4 U Rack for NVR & POE mounting				
8	8 port POE switch 1 Uplink				
9	4 port POE switch 1 Uplink				
10	CCTV cable Cat 6				
11	HDMI cable 1.5/2.0 5 meters,				
12	Patti/ Pipe				
13	RJ 45 connector				
14	Tie cable				

निविदाकाराची स्वाक्षरी/ नाव-पत्ता व शिक्का

Annexure - 1 (B)
(शुद्धीपत्रकान्वये सुधारित)

Product name :- (The company/ brand names of products are mentioned for example. The vendors can also quote another renowned brands)

Product / Item Details	Specifications required	whether product complies with the specifications or not? If no, please mention the deviations.
CCTV Camera type	Brand/ Company- Panasonic, Hikvision, CP Plus, Dahua, Sony, Bosch or other renowned brand of BIS standard/ ISI mark	
i.(a) Network Dome Camera-1 MP IP (min 720P)	Type of Body preferably Metal, durable, tough & strong material with IP67, IK10 Rating.	
	Image sensor: 1/4" progressive scan CMOS	
	Min. Illumination: Color: 0.01Lux @(F1.2,AGC ON) ,0 Lux with IR;B/W: 0.0036Lux @(F2.0,AGC ON), 0 Lux with IR	
	Lens: 3.6/4mm,@F2.0, horizontal field of view 83.6°	
	IR Range: upto 30mtr.	
	Day & Night switch: IR cut filter with auto switch	
	Camera Adjustment: Pan: 0° to 355°; Tilt: 0° to 70°; Rotation: 0° to 355°	
	DNR & WDR: 3D DNR(Digital noise Reduction) AND DIGITAL WDR (Wide Dynamic Range)	
	Video Compression & Bit Rate: H.264/mjpeg or better	
	Image Resolution: 1280X720	
	Image Main stream:25fps @1280X720 Extra stream25/30fps	
	Image setting: Brightness, saturation, contrast, sharpness adjustable via software and web Browser	
	Image Mirror, Backlight Compensation(BLC) and Region of Interest(ROI) Features support	
	Support Motion Detection and give alarms for Video tampering, network disconnected, IP address conflicted, HDD full, HDD error etc.	
	Network Protocol: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, QoS, IPv6	
	Network Standard: ONVIF (PROFILE S,PROFILE G),PSIA,CGI,ISAPI	
	Support functions: One-key reset, anti-flicker, heartbeat, password protection, privacy mask and watermark	
	Communication interface: 1 RJ45 10M/100M self-adaptive Ethernet port	
	Power Supply: 12VDC, POE	
	Power Consumption: 4watt max.	
Protection lever: IP67, IK10 or better.		
Operating Conditions: -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less		
Mobile Monitoring via software		
Warranty- minimum 3 years.		

Product / Item Details	Specifications required	Whether product complies with the specifications or not? If no, please mention the deviations.
CCTV Camera type	Brand/ Company- Panasonic, Hikvision, CP Plus, Dahua, Sony, Bosch or other renowned brand of BIS standard/ ISI mark	
i.(b) Network Bullet Camera 1 MP (min 720P)	<p>Type of Body- Metal body of durable, tough & strong material with IP67 protection rating.</p> <p>IR Distance- min. 30 meters</p> <p>Image Sensor type- Progressive scan CMOS</p> <p>Camera Image sensing- 1MP</p> <p>Resolution- 1MP HD (1280 x 720P)</p> <p>Night Vision Capable- Yes, 30 meters IR distance</p> <p>Lens type- 3.6/4 mm Fixed, F2.0, Angle of view: 73.1°</p> <p>Day Night Switch: IR cut filter with auto switch</p> <p>WDR: Digital WDR function support</p> <p>Video compression: H.264, MJPEG or better</p> <p>Image Main stream:25fps @1280X720 Extra stream25/30fps</p> <p>Backlight compensation (BLC) and Digital Noise Reduction(DNR)</p> <p>Image adjustment:Rotate,Saturation,Brightness, Contrast, Sharpness adjustable by software or web browser .</p> <p>Network Protocols: TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6</p> <p>Alarm Support: Motion detection, Dynamic analysis, Tampering alarm, Network disconnect , IP address conflict, Storage exception</p> <p>Security: Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, anonymous access</p> <p>Network Standard: ONVIF, PSIA, CGI, ISAPI</p> <p>Communication Interface: 1 RJ45 10M/100M Ethernet interface</p> <p>Operating Conditions: -30 °C –60 °C (-22°F –140°F), Humidity 95% or less</p> <p>Power Supply: 12V DC10%, PoE (802.3af)</p> <p>Power Consumption: 4 watt max.</p> <p>Mobile Monitoring via software</p> <p>Protection Level: IP67</p> <p>Warranty- minimum 3 years.</p>	

Product / Item Details	Specifications required	whether product complies with the specifications or not? If no, please mention the deviations.
ii. Surface Box for CCTV Camera mounting	Brand/ Company- UPVsales, Pressfit, OEM, Eshiled or other renowned brand of BIS standard/ ISI mark	
	Type of Body- Plastic body of durable, tough & strong material	
	Compatible for camera mounting, waterproof, dustproof with appropriate protection class.	

Product / Item Details	Specifications required	whether product complies with the specifications or not? If no, please mention the deviations.
iii. (a) NVR (16 channels)	Brand/ Company- Panasonic, Hikvision, CP Plus, Dahua, D-Link, Sony, Bosch or other renowned brand of BIS standard/ ISI mark	
	Type of Body- Metal body of durable & strong material with inbuilt Fan	
	Processor- Embedded	
	Operating system- Embedded	
	Software- compatible and accessible on PCs (XP/ windows 7/8/10)	
	IP Video input- 16 channel	
	Support live view, storage and playback of the connected cameras upto 6mp resolution	
	Simultaneous HDMI and VGA at 1920x1080 resolution	
	Upto 16 ch synchronous playback at 4CIF Resolution	
	Support H.264+ compression for High video quality and lower bit rate	
	Maximum Incoming Bandwidth upto 160mbps	
	Maximum Outgoing Bandwidth upto 80mbps	
	Video Recording resolution Upto 6mp	
	Video Frame rate: Main stream: 50fps (P) / 60fps (N), Sub-stream: 50fps (P) / 60fps (N)	
	Audio output Min. 1ch	
	Decoding Capacity 16-ch@4CIF, 12-ch@720P, 6-ch@1080P, Live view and Playback upto 6mp capacity	
	HDD Capacity: 4 HDD Support of Max 6TB each eSATAfor Backup: Min. 1 eSATA interface	
	Network Interface: 1 RJ-45 10 /100/1000 Mbps self-adaptive Ethernet interface	
	Serial Interface: RS-232andRS-485	
	USB Interface: 2x USB 2.0+1x USB 3.0	
Alarm In/Out support 16/4		
Power Supply and Consumption: 100 ~240 VAC, upto 20WATT.		
Rack mount Body 19-inch rack-mounted 1.5U chassis		
Warranty- minimum 3 years.		

Product / Item Details	Specifications required	whether product complies with the specifications or not? If no, please mention the deviations.
iii. (b) NVR (32 channels)	Brand/ Company- Panasonic, Hikvision, CP Plus, Dahua, D-Link, Sony, Bosch or other renowned brand of BIS standard/ ISI mark	
	Type of Body- Metal body of durable & strong material with inbuilt Fan	
	Processor- Embedded	
	Opetating system- Embedded	
	Software- compatible and accessible on PCs (XP/ windows 7/8/10)	
	IP Video Input: 32 Channel	
	Support for live view, storage, and playback of the connected camera at up to 8MP resolution	
	HDMI and VGA Independent Outputs	
	Centralized management of IP cameras, including configuration, information import/export, real-time information display.	
	Support for HDD quota and group modes; capacity allocation to different channels.	
	Support H.264+ compression for High video quality and lower bit rate	
	Maximum Incoming Bandwidth upto 256 mbps	
	Maximum Outgoing Bandwidth upto 160 mbps	
	Video Recording resolution Upto 8mp	
	Audio output Min. 1ch	
	Video Decoding Format:H.265/H.264/MPEG4	
	Video Decoding capacity: 16ch Synchronous playback,Recording Resolution upto 8mp	
	HDD Capacity: 4 HDD Support of Max 6TB each	
	Network Interface: 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	
	Serial Interface: 1 RS-485, 1 RS-232	
USB Interface: 2 × USB 2.0; 1 × USB 3.0		
Alarm In/Out support 16/4		
Power Supply and Consumption: 100 ~240 VAC, upto 20 WATT.		
Rack mount Body 19-inch rack-mounted 1.5U chassis		
Warranty- minimum 3 years.		

Product / Item Details	Specifications required	whether product complies with the specifications or not? If no, please mention the deviations.
iv. Hard Disk 4TB	Brand/ Company- Seagate, Western Digital, Toshiba or other renowned brand of BIS standard/ ISI mark	
	Type of Body- durable, tough & strong material	
	Hard drive- 3.5 internal Hard drive	
	Surveillance Hard Disk 24 x 7	
	Warranty- minimum 3 year.	

Product / Item Details	Specifications required	Whether product complies with the specifications or not? If no, please mention the deviations.
v. (a) POE SWITCH 8 PORT	Brand/- CP Plus, Hikvision, D-link, Digisol or other renowned brand of BIS standard/ ISI mark	
	Body- Metal body durable, tough & strong material	
	Compatible for NVR quoted in the Bid	
	10/100 Mbps RJ45 ports Max 8, min. 1 uplink port	
	Lightning Proof Ranking 4kV	
	Mac Address Table 4k	
	Switching Capacity: 1.8 Gbps	
	PoE Standard: IEEE 802.3af, IEEE802.3at	
	POE Port Max Power output 30Watt, Total POE Power Output Max.58watt	
	Power supply 51 VDC, 1.25A	
	Transmission Speed Ethernet: 10 Mbps (Half Duplex) / 20 Mbps (Full Duplex) Fast Ethernet: 100 Mbps (Half Duplex) / 200 Mbps (Full Duplex)	
	Transmission Medium:Cat 5 or better UTP/STP	
	Network Standard: IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE802.3at, IEEE 802.3x	
Warranty- minimum 3 year.		

Product / Item Details	Specifications required	Whether product complies with the specifications or not? If no, please mention the deviations.
v.(b) POE SWITCH 4 PORT	Brand/- CP Plus, Hikvision, D-link, Digisol or other renowned brand of BIS standard/ ISI mark	
	Body- Metal body durable, tough & strong material	
	Compatible for NVR quoted in the Bid	
	10/100 Mbps RJ45 ports Max 4, 1 Uplink Port	
	Lightning Proof Surge Protection Ranking 4KV	
	Mac Address Table 1k	
	Switching Capacity: 1Gbps	
	PoE Standard: IEEE802.3af, IEEE802.3at	
	POE Port Max Power output 30 Watt, Total POE Power Output Max.58watt.	
	Power supply 51 VDC, 1.25A	
	Transmission Speed Ethernet: 10 Mbps (Half Duplex) / 20 Mbps (Full Duplex) Fast Ethernet: 100 Mbps (Half Duplex) / 200 Mbps (Full Duplex)	
	Transmission Medium:Cat 5 or better UTP/STP	
	Network Standard: IEEE802.3,802.3u,802.3x, 802.3af, 802.3at	
Warranty- minimum 3 years.		

Product / Item Details	Specifications required	whether product complies with the specifications or not? If no, please mention the deviations.
vi. Rack for NVR and POE Switch mounting	Brand/ Company- D-Link, i-Ball, Valrack of BIS standard/ ISI mark.	
	Type of Body- Metal body of durable, tough & strong material.	
	4 U metal wall mount rack for 16/ 32 channel NVR.	
	Inbuilt- Fan, loaded with Spy card, Cable entry provision, tray, power socket, Front lockable Safety Door with toughened Glass quality & keys.	
	Dimensions- 55 x 40 x 23 cm or compatible for NVR quoted in the Bid.	
Warranty- minimum 3 year.		

Product / Item Details	Specifications required	whether product complies with the specifications or not? If no, please mention the deviations.
vii. CAT6 CCTV cable	Brand/ Company- D-Link, Hikvision, Nidhi, Zebronic, Polycab etc.	
	23 AWG Annealed bare solid copper Conductor metal, CAT-6 UTP Cable, Channel optimized to min 250 Mhz, Transmission of data at 1000Mbps (1GB/s), 4 Pairs UTP cable, Insulation material HD-PE, PVC Jacket Material, Temperature range -20°C to ± 70°C	
	Warranty- minimum 3 years.	

Product / Item Details	Specifications required (BIS standard/ ISI mark)	whether product complies with the specifications or not? If no, please mention the deviations.
viii. Accessories of Standard quality	Patti/ Pipe- Standard quality Patti for indoor use & Pipe for outdoor use.	
	Brand/ Company- Pressfit, Swastik, Supreme or other brand.	
	RJ 45 connector- Standard quality, if required.	
	Brand/ Company- D-Link, Digisol, NT or other brand.	
	Tie cable- white colour nylon cable for dressing wires self locking	
	Brand/ Company- Pressfit, TyCab, Novoflex or other brand.	
	C-clip, Screw 35x8, Rawal plug- standard quality.	

विवरणपत्र - 1 (शुद्धीपत्रकान्वये सुधारित)

अ. क्र.	वसतिगृहाचे नाव (अ)	CCTV Camera		NVR		POE switch		Surface Box	Hard Disk 4 TB	Rack for NVR	Total meters (assumed distance for cable)
		Dome 1 MP IP	Bullet 1 MP IP	16ch	32ch	8 port	4 port				
1	शा.वगृ कळवण, 250 मुली, ता.कळवण	12	4	1	0	2	1	16	1	1	1000
2	शा.वगृ कळवण, 75 मुली, ता.कळवण	12	4	1	0	2	1	16	1	1	1000
3	शा.वगृ दळवट, 75 मुली, ता.कळवण	12	4	1	0	2	1	16	1	1	1000
4	शा.वगृ अभोणा, 75 मुली, ता.कळवण	12	4	1	0	2	1	16	1	1	1000
5	शा.वगृ सुरगाणा, 75 मुली, ता.सुरगाणा	12	4	1	0	2	1	16	1	1	1000
6	शा.वगृ सुरगाणा, 125 मुली, ता.सुरगाणा	12	4	1	0	2	1	16	1	1	1000
7	शा.वगृ बोरगाव, 75 मुली, ता.सुरगाणा	12	4	1	0	2	1	16	1	1	1000
8	शा.वगृ अलंगुण, 75 मुली, ता.सुरगाणा	12	4	1	0	2	1	16	1	1	1000
9	शा.वगृ सटाणा, 250 मुली, ता.सटाणा	12	4	1	0	2	1	16	1	1	1000
10	शा.वगृ सटाणा, 80 मुली, ता.सटाणा	12	4	1	0	2	1	16	1	1	1000
11	शा.वगृ चांदवड, 75 मुली, ता.चांदवड	12	4	1	0	2	1	16	1	1	1000
12	शा.वगृ मालेगाव, 125 मुली, ता.मालेगाव	12	4	1	0	2	1	16	1	1	1000
एकूण संख्या-		144	48	12	0	24	12	192	12	12	12000

अ. क्र.	एकलव्य निवासी शाळेचे नाव (ब)	CCTV Camera		NVR		POE switch		Surface Box	Hard Disk 4 TB	Rack for NVR	Total meters (assumed distance for cable)
		Dome 1 MP IP	Bullet 1 MP IP	16ch	32ch	8 port	4 port				
1	एकलव्य रेसि.पब्लिक स्कूल अजमेर सौदाणे, ता.सटाणा, जि.नाशिक	24	8	0	1	4	2	32	2	1	2000

अ. क्र.	(अ) + (ब)	CCTV Camera		NVR		POE switch		Surface Box	Hard Disk 4 TB	Rack for NVR	Total meters (assumed distance for cable)
		Dome 1 MP IP	Bullet 1 MP IP	16ch	32ch	8 port	4 port				
1	एकूण मागणी संख्या -	168	56	12	1	28	14	224	14	13	14000



महाराष्ट्र शासन (आदिवासी विकास विभाग)
सहाय्यक जिल्हाधिकारी तथा प्रकल्प अधिकारी
एकात्मिक आदिवासी विकास प्रकल्प कळवण, कोल्हापूर फाटा, मानूर, ता.कळवण, जि.नाशिक
दूरध्वनी क्र. 02592-250101 Email:- poitdp.kalwan-mh@gov.in

एकात्मिक आदिवासी विकास प्रकल्प कार्यालय अंतर्गत शासकीय वसतिगृह, एकलव्य निवासी शाळा व शासकीय आश्रमशाळांमध्ये
सन 2018-19 करीता सी.सी.टी.व्ही. यंत्रणा कार्यान्वित करणे ई-निविदा क्र. 6836

व्यापारी लिफाफा क्रमांक - 2 (शुध्दीपत्रकान्वये सुधारित)

1) निविदाधारकाचे नाव व संपूर्ण पत्ता :-

{टिप :- निविदेतील विहित विनिर्देशानुसार निविदाधारकांनी नोंदविलेल्या Annexure-1(A) मधील प्रचलित पुरवठा वस्तूंचेच (ISI mark / BIS standard products) सर्व करांसहीत एकूण खर्च गृहीत धरून अंतिम पुरवठा दर (रुपयात) नमूद करण्यात यावेत. }

Sr.	Product Name & Quantity	Brand / Company of Products	Model Name	ISI mark / BIS products or not	Final Rate of Supply per unit for warranty of minimum 3 years (including all taxes and costs)
1	CCTV Dome Camera 1 MP IP (IK10, IP67) Qty-168				
2	CCTV Bullet Camera 1 MP IP (Standard IP67) Qty-56				
3	Surface Box for CCTV camera mounting Qty-224				
4	NVR 16 channels (Metal) 4 HDD SATA support Qty-12				
5	NVR 32 channels (Metal) 4 HDD SATA support Qty-1				
6	Surveillance Hard Disk 4 TB Qty-14				
7	4 U Rack for NVR & POE mounting Qty-13				
8	8 port POE switch Qty-28				
9	4 port POE switch Qty-14				
10	Installation charges calculated per meter fitting (including all labour charges using required accessories i.e. CAT 6 cable, HDMI cable 1.5/2.0 5 meters, Pipe/Patti, plug, screw, Cover box for Safety of POE switch, C-clip, RJ45 jack, Tie cable etc.) Total assumed meters- 14000 meters.				

मी/ आम्ही जाहिर करतो की, आम्ही सी.सी.टी.व्ही. यंत्रणा घटक वस्तू (CCTV Camera- Dome/ Bullet IP camera, surface box, Cat 6 Cable, NVR, Hard Disk, POE switch, 4U Rack etc.) पुरवठा व कार्यान्वित करण्याकामी हे दरपत्रक सादर केलेले आहे. उपरोक्त दरपत्रकामध्ये आम्ही नोंदविलेले दर ज्यावर आधारलेले आहेत, ते स्थानिक परिस्थितीनुसार सर्व मालाचा खरेदी खर्च, पॅकींग, वाहतूक, जकात, टोल, वाहन दुरुस्ती, वाहन भाडे, इंधन खर्च, वाहन विमा, अन्य मजुरी खर्च, आयकरासह वस्तू व सेवा कर तथा इतर अनिवार्य कर असा एकूण खर्च याबाबत सद्यस्थिती बाजारभावाप्रमाणे समग्र आढावा घेउन, काळजीपूर्वक अभ्यास करून सर्वसंमतीने वरीलप्रमाणे वस्तू पुरवठ्याचे दर विनाशर्त नोंदविलेले आहेत.

निविदा अर्जातील नमूद सर्व अटी-शर्ती ह्या मी/ आम्ही काळजीपूर्वक वाचल्या असून उपरोक्त नमूद दरात कुठल्याही स्वरूपात दरवाढ केली जाणार नसल्याचे मला/ आम्हाला विनाशर्त मान्य आहे. नमूद दरानुसार आश्रमशाळा/ वसतिगृह येथे प्रत्यक्ष स्थानभेट देऊन सी.सी.टी.व्ही. यंत्रणा घटक वस्तू पुरवठा व कार्यान्वित करण्यास आमची विनाशर्त संमती आहे.

ठिकाण :-

दिनांक :- / /2019

निविदाधारकाची स्वाक्षरी/ नाव व शिक्का