

Work Description : Supply, Installation & Commissioning of CCTV Surveillance System at Durbar Office.

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Tender Document For Supply, Installation and Commissioning of CCTV Surveillance System

1.1 PRICE BASIS DAP (Delivered at Place) basis inclusive of all taxes and duties, freight & insurance upto Place. Evaluation will be done on all inclusive prices.

1.2 PAYMENT TERMS 60% payment on delivery, 20 % on installation and commissioning of the complete Solution (Supply installations & commissioning with its associated software) subject to satisfaction of the Durbar management. Balance 20% shall be payable after warranty period.

1.3 DELIVERY SCHEDULE Supply, Installation & Commissioning of all Equipment/deliverables to be made within 15 days from the date of issue of P.O.

1.4 WARRANTY •1(One) year comprehensive warranty• The vendor shall be responsible for routine and breakdown maintenance of the equipment during warranty period.

**Commercial bid for supply, installation
& maintenance of
Standalone CCTV surveillance
system at Durbar**

SN	Particulars	Quantity	Unit rate	Amount
01	08 Channel DVR	01		
02	Camera Dome	04		
03	RG-6 coaxial video cable with PVC conduit	As required		
04	02 core 0.75 sqr mm power cable with PVC conduit	As required		
05	Installation charges if any	-		
06	Total			
07	<i>Comprehensive AMC rates</i>			
	1st year	Within warranty		
	2nd year	01		
	3rd year	01		
	4th year	01		
08	Grand Total <i>(total + cost of AMC for 4 years)</i>	-		

Technical Specification of Standalone CCTV Surveillance System

SN	Minimum desired specification	Mention 'Yes' against each if the feature is complied else, mention the actual features that are offered
	08 Channel Standalone DVR (Recommended make – Pelco, Bosch, Sony, Honeywell, Samsung, Panasonic, LG or equivalent)	
01	Operating system: Windows XP/Linux/Embedded MCU.	
02	DVR should be system embedded with H264 video compression algorithm.	
03	08 Channels DVR 200/400fps-PAL.	
04	Simultaneous viewing, network, recording, backup & playback functions.	
05	Display on line resolution/preview resolution 720.576 PAL.	
06	Multiple viewing options (VGA/BNC).	
07	Video in/out/Loopout: 8/8	
08	Audio in/out: 8/1	
09	Video output: 1 composite, 1 VGA, 1 Spot, 1 HDMI.	
10	Recording rate: PAL, realtime (25fps per channel), 4CIF-full D1 with all channels recording & playback both.	
11	System should be robust & capable of working in 24x7 environments.	
12	System should be scalable/upgradable.	

13	Built in recording upto 90 days in real time mode for 04 cameras (minimum 01 terabytes).	
14	Provision for minimum 04 SATA slots for 3 HDD + DVD-RW (Each SATA slot should be of minimum 02 TB HDD capacities).	
15	Data storage for 80 days. Data recycling on FIFO basis.	
16	Network interface: Ethernet (RG-45, 10/100 Base-Tx), External Model VioRS- 232.	
17	Support multi zone motion detection, real time & motion based recording.	
18	Support multi level password for operation, setup & remote access.	
19	Support waterproof making to ensure tamper proof recording of images.	
20	Support tempering detection alarm function to indicate tempering of DVR/ cameras. Visual indication for local faults, disc full, malfunction etc.	
21	Support video signal loss alarm. Systems should do health check of all cameras.	
22	Support position configurable to OSD & LOGO.	
23	Support real time & motion based recording	
24	Support HDD sleep mode & FAT32 file system	
25	Support USB flash disk, USB DVD-RW for backup with built in DVD-RW, 02 USB ports, one of which should be in front panel.	
26	Support playback in various modes; fast slow, pause, forward, backward, frame-by-frame.	
27	Support TCP, UTP, RTP, PPPOE, Multicast, DHCP etc.	
28	Provision for ADSL, PSTN, Leased line, Broadband.	
29	Remote playback, download the recorded files in DVR.	
30	Remote viewing through mobile phone &/ or any other PC with IP.	
31	Systems should have file player software so that back up can be auto played on any PC using windows media player.	
32	Central Monitoring Station (CMS) Software free of cost & this should be compatible to CMS software of third party, as well. The system should be capable of running remote health monitoring system.	
33	Power AC-100/240V & 50/60Hz.	
34	Should carry UL/FCC/CE certification (any two).	
Cameras with mounting bracket & housing (Recommended make – Pelco, Bosch, Sony, Honeywell, Samsung, Panasonic, LG or equivalent)		
Dome Camera		
01	1/3 inch color CCD,	
02	Min resolution 600 TV lines	
03	3.6mm lens of 0.35 lux or better.	
04	Should carry UL/FCC/CE certification (any two).	

N.B. : Tender notice should be published in Office notice board and in Durbar.org.