

ANNEXURE - 1

Technical Specification for 16-Channel NVR

Sl. No.	Features	Description	Bidder Confirmation
1	Type of NVR	Shall be on Embedded operation system	
2	Operation mode	Previews ,Records ,Playback ,Back Up, Network	
3	Number of Video input	16 Channels of 1080P/960P/720P	
4	Compression Method	Must be in H.264 / MPEG-4/ MJPEG	
5	Recording Resolution	Programmable among 1080P@30fps, 720@30fps, VGA, 4CIF, 2CIF, CIF & QCIF and other supported resolution	
6	Recording Mode	Boot ,Timing ,Motion Detection	
7	Password security	2 Levels , Admin+ Users	
8	Video Motion Detection & Recording Configuration	Independent Channel configuration	
9	Main Video Out	At least 1 VGA, 1 HDMI, 1 Video O/P	
10	VGA Resolution	1-ch, resolution: 1920*1080P/60Hz, 1600*1200/60Hz, 1280*1024/60Hz, 1280*720/60Hz, 1024*768/60Hz	
11	HDMI Resolution	1-ch, resolution: 1920*1080P/60Hz, 1920*1080P/50Hz, 1600*1200/60Hz, 1280*1024/60Hz, 1280*720/60Hz, 1024*768/60Hz	
12	Video O/P Resolution	1-ch, BNC(1.0Vp-p, 75Ω) Resolution: 704×576(PAL)	
13	Display windows:	1 / 4 / 8 / 16 (Single / Quad / Octal / Hex window mode)	
14	Dual Stream	Every channel should support 2 adjustable stream	
15	Audio Input	4 Channel input	
16	Audio Output	1 Channel output	
17	Alarm Input	Minimum 4 input	
18	Alarm Output	1 output shall be provided	
19	Play backup	Support Simultaneously 4 channel	
20	Min. Internal HDD supported (TB)	4 internal hard disks (storage capacity: 4TB each)	
21	Internal HDD Interface	SATA HDD interface	
22	Backup	Automatic Scheduled backup	
23	Backup Storage Media	Backup through USB or network	
24	Network Port	2no. of self-adaptive RJ45 Port 10M/100M/1000M	
25	Backup Interface	Internal/External shall provided	
26	Scheduled Backup	Programmable	
27	PTZ Connectivity	Supports multi PTZ protocols	
28	Remote Access Software	To be supplied along with equipment	
29	Web Browsing	IE, google-Crome, Mozilla browsers supported	
30	Operating Voltage	230V AC	