

**HIGH COURT OF HIMACHAL PRADESH,SHIMLA-171001**

HHC/GAD/Security/2003-1

Dated: Shimla, 16<sup>th</sup> November, 2013

**TENDER NOTICE**

Sealed tenders are invited from the manufacturers or their authorised dealers /registered firms for supply and installation of 25 Nos. C.C.T.V cameras with requisite display screen, in Control Room (surveillance system) in the High Court Complex. The terms and conditions of the tender, detailed technical specifications of C.C.T.V cameras and the particulars of the locations where the same are to be installed, can be downloaded from our website <http://hphighcourt.nic.in>, or can be obtained from the Office of the Registrar General, High Court of H.P. on any working day between 09:45 A.M. to 04:45 P.M. .The tenders should be addressed to the Registrar General, High Court of H.P., Shimla so as to reach in his office on or before 20<sup>th</sup> December, 2013 at 04:00 PM . The acceptable make of the camera are Panasonic/ Pelco / Sony/ Honeywell/ Dahua/ HIK vision/Samsung/LG.

**By Order**

**Registrar General**

**Terms and Conditions of the tenders(s) shall be as under:**

1. The tender(s) received after the due date shall be summarily rejected, and not taken into consideration.
2. All product brochures, technical documentation/specifications of C.C.T.V cameras, DVR and LCD T.V. should be enclosed with your quotation.
3. Conditional/Unsolicited tenders shall not be considered.
4. If required, the bidder can be called for an on site demo. to evaluate the quality of recording and video file out puts of the quoted C.C.T.V equipment before it is approved.
5. The manufacturers/their authorized stockist /dealers will have to submit their registration certificate from the authority concerned ,and Sales Tax registration certification.
6. Every tender should be accompanied with an earnest money to the extent of 2 % of total tender amount in the shape FDR, in the name of the Registrar General, High Court of H.P.
7. Tenders received without requisite Tender Fee/Earnest money will be rejected outrightly.
8. The rates shall be quoted F.O.R Himachal Pradesh, High Court of H.P., Shimla, and must be inclusive of all taxes and installation charges.
9. Rates for spares and accessories required in the process of installation should be quoted separately within the same tender.
10. Complete specifications of the items should be given with the name of the manufacturers in the quotation / tender. Offers' vaguely described or incomplete offers are liable to be ignored.
11. The envelope should be sealed and with inscription on its top "Tender for CCTV camera( surveillance system)".
12. Successful bidder shall have to deposit 5 % amount of the total value of the order as performance security in the shape of Bank Guarantee from Nationalised Bank for one year.
13. In case any of items mentioned are on the current rate contract list please quote the DGS & D rate and the rate contract number.
14. The rate quoted shall include ,supply, installation and commissioning of CCTV camera with appropriate cabling work with material.
15. The Bidder must have knowledge and experience of implementation of electronic security system including access control, surveillance and required software for monitoring.
16. The supplies will have to be made within a month of the receipt of the supply order by the concern whose tender/ quotation is finally accepted.

17. Tender shall be opened on within five days from the last date of receipt of the tenders. The tenderers shall be free to remain present at the time of opening the tenders.
18. Warranty period for the entire C.C.T.V system shall also be mentioned in the quotation itself .
19. The Registrar General, High Court of H.P. reserves the right to reject one or all tenders at any time without assigning any reason.
20. The Registrar General, taking note of overall facts and circumstances can relax any of the terms and conditions of this tender notice.

**By Order**

**Registrar General**

**TECHNICAL SPECIFICATIONS OF C.C.T.V CAMERA WITH IR RANGE 40 to 50 mtrs**

<b>700 TVL Coloured Cameras with IR Range 40 to 50 mtrs</b>		
<b>Sl.No.</b>	<b>Features</b>	<b>Minimum specifications required</b>
1.	Image sensor required	1/3" CCD camera
2.	Signal system required	PAL
3.	Lens	9mm to 12mm varifocal lens
4.	Horizontal resolution	700 TVL
5.	Effective pixel	NTSC 759 x 596
6.	S/N Ratio	More than 50 DB
7.	IR Range	40 to 50 mtrs.
8.	Video output signal	1.OV P-P Composite signal (75Ohms)
9.	Scanning system	2.1 Interlaced
10.	Auto exposure	Automatic level control/electronic level control
11.	Minimum illumination	0.8/F2.0
12.	Signal process	Digital
13.	Motion Detection zone	4
14.	Privacy zone	8
15.	Auto Gain Control	On/Off
16.	Back light	BLC/HLC
17.	Wide Dynamic Range /ATR	Supported
18.	Electronic shutter	1/50 (1/60- 1/100,000 )(secs)
19.	White balance	Indoor /Outdoor/Manual
20.	Digital Noise reduction	Supported
21.	Day and Night	Auto
22.	Iris control	Video/DC Drive/Manual
23.	On Screen display	Yes
24.	IP Rating	IP66
25.	Zoom	+ Manual
26.	Operating temperature	-20 degree to +50 degree Celsius.
27.	Certifications	CE/FCC/ROHS/ISI

## TECHNICAL SPECIFICATIONS OF C.C.T.V CAMERA(with Audio Facility)

<b>700 TVL Coloured camera with IR Range 40 to 50 mtrs (with Audio facility)</b>		
<b>Sl.No.</b>	<b>Features</b>	<b>Minimum specifications required</b>
1.	Image sensor required	1/3" CCD camera
2.	Signal system required	PAL
3.	Lens	9mm to 12mm varifocal lens
4.	Horizontal resolution	700 TVL
5.	Effective pixel	NTSC 759 x 596
6.	S/N Ratio	More than 50 DB
7.	IR Range	40 to 50 mtrs.
8.	Video output signal	1.OV P-P Composite signal (75Ohms)
9.	Scanning system	2.1 Interlaced
10.	Auto exposure	Automatic level control/electronic level control
11.	Minimum illumination	0.8/F2.0
12.	Signal process	Digital
13.	Motion Detection zone	4
14.	Privacy zone	8
15.	Auto Gain Control	On/Off
16.	Back light	BLC/HLC
17.	Wide Dynamic Range /ATR	Supported
18.	Electronic shutter	1/50 (1/60- 1/100,000 )(secs)
19.	White balance	Indoor /Outdoor/Manual
20.	Digital Noise reduction	Supported
21.	Day and Night	Auto
22.	On Screen display	yes
23.	IP Rating	IP66
24.	Zoom	+ Manual
25.	Iris control	Video/DC Drive/Manual
26.	Operating temperature	-20 degree to +50 degree Celsius.
27.	Certifications	CE/FCC/ROHS/ISS
28.	Optional	W/o audio with video

**TECHNICAL SPECIFICATIONS OF 700 TVL IR NPR(DAY AND NIGHT) IR RANGE 50 TO 60 mtrs**

<b>700 TVL IR NPR CAMERA (Day and Night) IR Range 50 to 60 mtrs.</b>		
<b>Sl. no.</b>	<b>Features</b>	<b>Minimum specifications required</b>
1.	Image sensor	1/3 "CCD
2.	Pixel	NT SC 795X596, PAL 811 X508
3.	Resolution	700 TVL
4.	Minimum Illumination	0.8 Lux (Day) /F2.0, Lux (when IR on)
5.	S/N Ratio	More than 50 DB
6.	Electronic shutter	Auto :1/50 [1/60 – 1/100000(sec)]
7.	Flickerless mode	On/off
8.	Iris Control	Video/Dc drive /Manual
9.	Lens	9 to 22 mm .Manual lens
10.	Gamma correction	0.45
11.	White balance (AWB)	Auto training white balance ,Auto/Indoor/Outdoor/Manual/Push Auto
12.	Gain control(AGC)	Auto /Manual
13.	Back light compensation	On/Off
14.	Day and Night (ICR)	OSD Control
15.	IR	3 Pcs.of Dot Marix Array LED
16.	Sync	Internal sync
17.	Video output	IVp- P 75 Ohm, BNC
18.	Special functions	OSD
19.	Power supply	DC 12V
20.	IP Rating	66
21.	Weight	1.09kg
22.	Operating temperature	-20 degree to -50 degree celcius.
23.	Dimensions	318mm x 104 mm
24.	Certifications	CE, FCC certified.

## TECHNICAL SPECIFICATIONS OF DVR 32 CHANNEL

Sl.No.	Features	Specifications
1.	Display	Upto 32 camera with 1280x 1024
2.	Compression	H 264 Dual stream video compression
3.	Recording	Full channel real time recording
4.	Output	HDMI/VGA/TV simultaneous output
5.	Synchronization	Full channel synchronization;Real time play back
6.	PTZ	3 D Intelligent positioning with PTZ camera.
7.	SATA	Upto 4 SATA HDDIE SATA 2US B.2.0
8.	Web	Multiple networking Web viewer CMS,DMSS
9.	Networking	3G
10.	Snapshot	Individual channel Snapshot facility
11.	Hard disc	One month back up required
12.	LCD 32 inch	USB/HDMI/VGA/TV Output

**The location and description of the Camera/Cameras is mentioned herein below:**

<b>Sl.No.</b>	<b>Spot for installation of cameras</b>	<b>Quantity of CCTV camera (s) to be installed (Total-25)</b>
1.	Main entry gate of High Court meant for vehicular traffic.	One NPR camera with Night Vision facility.
2.	Main entry gate of High Court for pedestrians.	One
3.	South - east entry gate near sentry post towards the New Administrative Block.	One
4.	Hon'ble Judges entrance.	One
5.	Entry gate of High Court towards Hotel Holiday Home.	One
6.	Entry to main High Court Building, from the Canteen side.	One
7.	Tunnel leading to Central Heating and DG set Room.	One
8.	2 <sup>nd</sup> floor of the main High Court building.	Four. Out of these four cameras ,one CCTV camera is required with audio facility.
9.	1 <sup>st</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> ,5 <sup>th</sup> 6 <sup>th</sup> and 7 <sup>th</sup> floors of the main High Court building.	Two cameras on each floor(Total 12 cameras)
10.	Ground floor of main High Court building	One
11.	One camera at the basement at the door leading to the Central Heating and DG Set room	One