



WEST BENGAL UNIVERSITY OF TECHNOLOGY

Tender Notice for installation of CCTV Cameras

For our office building at Salt Lake.

West Bengal University of Technology invites tender for installation of CCTV System at its office building at BF-142, Sector – 1, Salt Lake City Kolkata.

Eligibility Criteria for Vendors.

- i. Registration with sales Tax, service tax is essential.
- ii. Availability of after sales service network within Kolkata.
- iii. Availability of Minimum Warranty of 24 months for every item.
- iv. Ability to install Service and maintain the system at a notice of 24 hours.

Eligible interested parties have to submit prescribed format of Technical bid (Annex-A & Annex-AA) and financial bid (Annex –B & Annex-BB) The offer complete in all respect in two separate sealed cover marked as “Technical Bid” & “Financial Bid” and super scribing “ Offer for CCTV” on top and name, address & contact no. of the bidder at bottom left corner should be addressed to

REGISTRAR
WEST BENGAL UNIVERSITY OF TECHNOLOGY
BF-142, SALT LAKE, SECTOR -1 , KOL -64

The last date of submission of complete application in separate sealed cover in two parts (Technical & Financial Bid) is **Date 10th November, 2012** up to **3 PM**. The offer shall be dropped in the box kept for the purpose at the room of Vice-Chancellor Kolkata.

The technical bids shall be **opened on 10th November at 4 PM** and date of opening of financial bid will be intimated to short listed offerers subsequently. Interested Offerers may depute their representatives in bid opening programme.

Authority has reserved the right to accept or reject any / all quotations without showing any reason.

Vice Chancellor / Registrar

PARAMETERS FOR CCTV

- ☐☐ CCTV Cameras should have low LUX so that the same can operate in minimum illumination also. Cameras should have both auto/Manual Focus mode and the Iris control should also be both manual/auto.
- ☐☐ The system should be based on DVR i.e. Video capture card having the Provision for recording speed configuration as per our requirement.
- ☐☐ The system should have the capability of motion and sensitivity detection with pre alarmed recording of up to 3 seconds with continuous recording, event recording and time lapse recording modes. Auto switch on recording facility on detection of movement/light.
- ☐☐ System should be capable of multiple real time functions i.e. real time recording, real time monitoring and searching and real time play back.
- ☐☐ System should have capability of increasing the storage capacity as and when required.
- ☐☐ It should have a low maintenance cost and it should be upgradeable to inputs for more cameras, as and when required, with minimum cost.
- ☐☐ Compatible with alarm system.
- ☐☐ The firm installing the system should have adequate infrastructure for providing after sales service. On completion of the guarantee period of one year from the date of installation, the firm should be in a position to undertake annual maintenance service of all CCTVs supplied.
- ☐☐ System should be capable of simultaneous viewing, playback and continuous recording.

Annexure-A

**Particulars of the Firm to be furnished
for the purpose of Empanelment of Vendor for supply /Installation
and AMC of
CCTV Camera
(Technical Bid)**

1.	Name of the Firm/Vendor	:
2.	Address with phone no.	:
3.	Year of Establishment	:
4.	Constitution of the firm (whether Proprietary/Firm partnership or Limited Co., etc.)	:
5.	Name/list of Proprietor/Partner/	:
6.	Name and address of the Bankers.	:
7.	Whether registered with sales tax, service tax,	
8.	Whether after sales service network within the region available.	
14.	Detailed description of works handled for other organizations in the past and works being handled at present.	
15.	Furnish the names with address of three responsible organisations that will be in a position to certify about the services as well as the past performance of your organization.	i) ii) iii)

Date:-

Place: -

S i g n a t u r e with Seal

Annexure-AA

S.No	Parameters	Specifications	
1.	Stand Alone DVR MAKE & MODEL NO	<p>MODEL: DVR FOR (16 CHANNEL) For Large size Office</p> <ul style="list-style-type: none">➤ Stand Alone DVRH 264 Compression algorithm ideal for standalone DVR.➤ Remote and live display upto 16 cameras, 100/200/400 fps recording for CIF & 25/50/100 fps recording.➤ Pentaplex function - live recording, play back, back up and network access➤ Upto 2TB HDDs supported➤ Multiple control methods - from panel, IR remote controller, USB Mouse, network keyboard.➤ Smart Video detection-motion, detection, camera blank video loss.➤ Smart Camera setting-privacy masking, camera lock, colour setting and tile display.➤ Pan tilt Zoom and Speed Dome Control-more than 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported.➤ 16 channel audio inputs and bi-directional talk supported.➤ Easy back up methods - USB devices, CD-RW/DVD-RW & network downloaded.➤ Alarm triggers screen tips, boozer, PTZ movement, e-mail & FTP Upload.➤ Smart HDD management-Non working HDD Hibernation, HDD faulty alarm, Raid Function.➤ Powerful network software-Built in web-server, multi DVR Clients and CMS.➤ Network access for remoter live viewing, recording, playback setting, system status, event log, e-mail and FTP function (CE/FCC Certified).➤ Hard Disc Requirement- Minimum 2000 GB	
2.	Colour Dome Camera with varifocal lens Make & Model number of Camera	<ul style="list-style-type: none">➤ 1/3" Sony CCD Dome camera / HAD II CCD➤ Resolution Minimum of 480 TVL,➤ 0.1 Lux or better	

3.	Day Night Box Camera Outdoor Make & Model number of Camera	<ul style="list-style-type: none"> ➤ With 1/3" super HAD II CCD. / SONY CCD ➤ Resolution Minimum of 480 TVL, ➤ Minimum illumination : 0.02Lux/F1.2 ➤ DC Auto Iris Varifocal 4 ~ 9 mm Lens ➤ Built in OSD menu 	
4.	IR LED Camera. Make & Model number of Camera	<ul style="list-style-type: none"> ➤ 1/3 Sony Super HAD II CCD / SONY CCD ➤ Resolution- Minimum of 480 TVL, ➤ Motion detect ➤ IR LED: minimum 23 LEDs, ➤ IR Distance 10/30/50mtrs. 	
5.	22" LCD/ LED TV MAKE& Model No.	<ul style="list-style-type: none"> ➤ Minimum Resolution/ Aspect Ratio 1366X768 (16::9) ➤ Brightness 480 ➤ Contrast (Typ) 3000:1 ➤ HD Supported Definitions 480i,480P,576i,576P,720P,1080i,1080P 	
6.	RG - 06 Co-axial cable	<ul style="list-style-type: none"> ➤ Unarmored ISI Make RG-6 Coaxial cable for video signal (suitable distance between CCTV Camera and Stand Alone DVR) 	
7.	Power Cable	<ul style="list-style-type: none"> ➤ Unarmored ISI Make 2 Core 0.1 sq.mm power cable with copper conductor cable as required. 	
8.	PVC Conduit Pipe	<ul style="list-style-type: none"> ➤ 1" PVC conduit pipe along with accessories in surface 	
9.	Power Supply Unit	<ul style="list-style-type: none"> ➤ 2 / 5 Amp Power Supply as required 	
10.	9 U Rack	<ul style="list-style-type: none"> ➤ Steel Rack with Power Manager ➤ Front Glass 	

Annexure-B

**Particulars of the Firm to be furnished
for the purpose of Empanelment of Vendor for supply /Installation
and AMC of
CCTV Camera
(Financial Bid)**

1.	Name of the Firm/Vendor	:
2.	Address with Phone no.	:
3.	Cost of Equipments mentioned in Technical Bid inclusive of all Taxes/Charges inclusive of Installation*	:Rs.
4.	Cost of Comprehensive AMC after the Guarantee period per anum	:Rs.

*Technical specification format enclosed

Date:-

Place: -

Signature with Seal

Annexure-BB

S.No.	Parameters	Specifications	Supply	Installation
1.	Stand Alone DVR MAKE & MODEL NO	<p>MODEL: DVR FOR (16 CHANNEL) For Large size Office</p> <ul style="list-style-type: none">➤ Stand Alone DVRH 264 Compression algorithm ideal for standalone DVR.➤ Remote and live display upto 16 cameras, 100/200/400 fps recording for CIF & 25/50/100 fps recording.➤ Pentaplex function - live recording, play back, back up and network access➤ Upto 2TB HDDs supported➤ Multiple control methods - from panel, IR remote controller, USB Mouse, network keyboard.➤ Smart Video detection-motion, detection, camera blank video loss.➤ Smart Camera setting-privacy masking, camera lock, colour setting and tile display.➤ Pan tilt Zoom and Speed Dome Control-more than 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported.➤ 16 channel audio inputs and bi-directional talk supported.➤ Easy back up methods - USB devices, CD-RW/DVD-RW & network downloaded.➤ Alarm triggers screen tips, boozer, PTZ movement, e-mail & FTP Upload.➤ Smart HDD management-Non working HDD Hibernation, HDD faulty alarm, Raid Function.➤ Powerful network software-Built in web-server, multi DVR Clients and CMS.➤ Network access for remoter live viewing, recording, playback setting, system		

		<p>status, event log, e-mail and FTP function (CE/FCC Certified).</p> <ul style="list-style-type: none"> ➤ Hard Disc Requirement- Minimum 2000 GB 		
2.	<p>Colour Dome Camera with varifocal lens Make & Model number of Camera</p>	<ul style="list-style-type: none"> ➤ 1/3" Sony CCD / HAD II CCD Dome camera ➤ Resolution Minimum of 480 TVL, ➤ 0.1 Lux or better 		
3.	<p>Day Night Box Camera Outdoor Make & Model number of Camera-----</p>	<ul style="list-style-type: none"> ➤ With 1/3" super HAD II CCD/SONY CCD ➤ Resolution Minimum of 480 TVL, ➤ Minimum illumination : 0.02Lux/F1.2 ➤ DC Auto Iris Varifocal 4 ~ 9 mm Lens ➤ Built in OSD menu 		
4.	<p>IR LED, Color Camera. Make & Model number of Camera-----</p>	<ul style="list-style-type: none"> ➤ 1/3 Sony / HAD II CCD ➤ Resolution- Minimum of 480 TVL, ➤ Motion detect ➤ IR LED: minimum 23 LEDs, ➤ IR Distance 10/30/50mtrs. 		
5.	<p>22" LCD/LED TV MAKE& Model No. -----</p>	<ul style="list-style-type: none"> ➤ Minimum Resolution/ Aspect Ratio 1366X768 (16::9) ➤ Brightness 480 ➤ Contrast (Typ) 3000:1 ➤ HD Supported Definitions 480i,480P,576i,576P,720P ,1080i,1080P 		
6.	<p>RG - 06 Co-axial cable</p>	<ul style="list-style-type: none"> ➤ Unarmored ISI Make RG 6 Coaxial cable for video signal (suitable distance between CCTV Camera and Stand Alone DVR) 		
7.	<p>Power Cable</p>	<ul style="list-style-type: none"> ➤ Unarmored ISI Make 2 Core 0.1 sq.mm power cable with copper conductor cable as required. 		
8.	<p>PVC Conduit Pipe</p>	<ul style="list-style-type: none"> ➤ 1" PVC ISI Make conduit pipe along with accessories in surface 		
9.	<p>Power Supply Unit</p>	<ul style="list-style-type: none"> ➤ 2 / 5 Amp Power Supply as required 		

10.	9 U Rack	<ul style="list-style-type: none"> ➤ Steel Rack with Power Manager & All Accessories ➤ Front Glass 		
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TERMS AND CONDITIONS

Sales Tax :
 Price Basis :
 Payment Terms :
 Delivery : Within ----- Days.
 Validity :
 Warranty : Months.
 Date & Place: