

**TENDER DOCUMENTS**  
**TENDER FOR INSTALLATION OF**  
**18 NO. OF CCTV CAMERA**  
**AT**  
**ARMAPORE P. G. COLLEGE, KANPUR**

Name & Address of Vendor :

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## **NOTICE AND TENDER CONDITION FOR WORK**

Installation of 18 no. of CCTV Camera at Armapore P. G. College, Kanpur

### **NOTICE AND TENDER CONDITION NAME OF THE WORK**

TENDER FOR INSTALLATION OF 18 No. CCTV CAMERA AT ARMAPORE P.G. COLLEGE, KANPUR invites sealed offers from firms for supplying CCTV having for installation of 18 No. CCTV Camera at Armapore P. G. College, Kanpur. For complete details, formats and terms & conditions of tender, please visit in college office. Tender form Cost Rs. 100/- (Non-refundable)

Date fo issue of Tender forms : From ----- to -----

Last Date for submission of tender : ----- to -----

Opening of Tender Forms : -----

Envelope 1 : Please place the BID in a sealed envelope with marked as at the address : "Secretary/Principal, Armapore P. G. College, Kanpur" super scribing with "Tender for installation of 18 No. CCTV and its AMC".

SIGNATURE OF VENDOR  
(With Seal)

Sealed items rate tenders are invited from bonafide, resourceful, reliable, experienced and reputed contractor for executing following work at Armapore P. G. College, Kanpur. Contractor to collect the tender document from Armapore P. G. College, Kanpur. Tender documents should be submitted alongwith experience certificate, PAN, GSTIN in the office of Principal, Armapore P. G. College, within the last date & time of submission of tender documents.

### **General Condition of Contracts**

**1- Working hours :** From 10:00 am to 5:00 pm on all working days (excluding Sunday & Holidays) However contractor shall be allowed to work on Sunday & Holidays depending upon the urgency but only after obtaining permission from the Management of College.

**2- Completion period of work :** Work is to be finished within 1 months from the date of issue of Purchase order.

**3- Payment :** No advance/interim amount will be paid to suppliers. The Bill amount would be paid by Armapore P. G.College, Kanpur after successful installation of 18 no. CCTV Camera at all the location considering.

**4- The Contractor has to submit bill/voucher** of the material used in the subject work. Also firm to confirm that all the material is used as per tender and make.

**5- Availability of Spares :** Spares for the product offered should be available for at least 3 years.

**6- Guarantees of the CCTV Camera** including all components delivered to the Corporation should be brand new with recent make/manufacturer date. The supplier also guarantee that all the hardware components supplied by the supplier is licenced and legally obtained.

**7- Warranty :** The offer must include comprehensive on-site warranty of one year from the date of installation and commissioning of the equipments at all the locations mentioned in the tender.

8- Experience of having successful completed CCTV camera installation work in Central Govt. Deptt., State Govt. Deptt., PSUs including Banks/Hospitals/schools and colleges/shopping mall during last 3 years.

9- Firm/Contractor to submit/attach copies of the PAN & GSTIN registration certificate.

10- All firms are also required to attach copies of all requisite documents. Non submission of requisite documents alongwith the tender will be considered as delay to finalise the tender on the part of the contractor. Accepting officer will be free to reject any incomplete tender.

11- The firm should have its own office and service centre at Kanpur, U.P. functioning as on the date of commencement of issue of Tender Documents.

SIGNATURE OF THE VENDOR  
(With Seal)

### **General Condition of AMC (2 years)**

- 1- The contract is valid for 2 year from the date of signing of AMC.
- 2- AMC charge quoted must be comprehensive i.e. including cost of all spares except the batteries for UPS, which will be provided by college wherever required. Spare/components for maintenance will not be provided by college. AMC charges must be all inclusive.
- 3- Equipment under breakdown must be repaired within 24 hours of reporting. Penalty of Rs. 100/- per system per day will be levied after 24 hrs. of reporting breakdown.
- 4- In case of standby wherein repair is not possible at college premises and can be done at Firm,s premises, the standby of same/other make model also shall be provided by the firm immediately.
- 5- The Payment of AMC shall be made yearly. The bills should be submitted along with service and satisfactory working report.

SIGNATURE OF THE VENDOR  
(With Seal)

# Armapore P. G. College, Kanpur

## CCTV Camera Network

- 1.0 **Scope of work :** Supply and installation of CCTV camera network at Armapore P. G. College, Kanpur as under –

Particulars	Location	Qty. (Nos.)
Dome Camera with microphone	Class room no. 1 to 16	16
Bullet Camera	Building No. 2 Corridor Ist floor	2
	Total	18

### Technical Specifications

- 2.1 **Construction and constitution:** The CCTV camera network will have the following:

- 2.1.1 Dome Camera : 16 No.  
2.1.2 Bullet Camera : 2 No.  
2.1.3 DVR with 2 TB HDD : 1 No.

#### Dome Camera

- 2.2 Video output : HD 720P  
2.3 Pixel : 2 MP/2.4 MP  
2.4 Lens size : 3.5 mm  
2.5 Effective range : 20m  
2.6 Audio recording : No  
2.7 Mounting : Wall mounting  
2.8 Make : Hikvision/CP Plus

#### Microphone

- 2.9 Work voltage : 6-12v DC  
2.10 Work current : 20mA or less  
2.11 Frequency : 300-5000Hz  
2.12 Technology : Low noise MOSFET pre-amplifier  
2.13 Regulator : On- board voltage regulator

#### Bullet camera

- 2.14 Video output : HD 720p  
2.15 Pixel : 2 MP/2.4 MP  
2.16 Lens size : 3.5 mm  
2.17 Effective range : 50 m  
2.18 Audio recording : No  
2.19 Mounting : Wall Mounting  
2.20 Make : Hikvision/CP Plus/Vantage

## **Digital Video Recorder**

- 2.21 DVR model : Turbo HD with audio
- 2.22 Video input/output : 16 Channel or more
- 2.23 USB port : 1 or more
- 2.24 Output : HDMI and VGA
- 2.25 Hard disk drive : 2TB sata surveillance
- 2.26 HDD make : WD /Segate
- 2.27 DVR make : Hikvision/CP Plus/Vantage/Hifocus
- 2.28 Software : In-built with DVR

**Bandwidth** Minimum 10 MBPS

## **3.0 Other Technical Requirements**

- 3.1 The Dome camera should have a provision for both video and audio recording.
- 3.2 DVR should have provision for connection with PC and LED display system through LAN/VGA/HDMI. Both video and audio is to be recorded. Provision for channel selection and location name is to be displaced on monitor.
- 4.0 Approximate length of the cables along with PVC pipe will be 500 to 600m. BCN connectors, DC pin, cables and accessories to be provided as per number of connections. All cables will be suitably marked and will have ferrules, for easy identification.
- 5.0 CCT 4+1 Cables, foam type, double screened co-axial with tinned copper conductors in 20mm dia, 2 mm thick flam-retardant branded PVC conduits in wall/floor/concrete structure complete with all accessories such as bends, junction boxes etc. complete as required.
- 6.0 Power supply converter to be provided as required.

## **7.0 Quotation :**

- i) The firms may quote unit wise that should include all other charges such as delivery and installation. The element of applicable taxes only should be shown separately. All prospective bidders are advised to visit the site to better appreciate the work.
- ii) The quotation should be as per price template enclosed.

## **8.0 Price Ranking**

- i) The price ranking will be done considering total cost of the work including material and services regardless of the prices quoted for individual items.
- ii) The price ranking will be done on basis cost of items, freight, insurance and other charges but excluding levies, taxes and duties levied by central/state/local governments such as excise duty, VAT, service tax, octroi/entry tax etc. if the firm quotes all inclusive price, the same will be considered for comparison with basic quoted by other firms for price ranking purpose.

## 9.0 **Packing and Despatch**

- i) The Packing of the equipment and spares/goods shall conform to the requirements of specifications and standards in force in the industry. The supplier will be responsible for safe and secure dispatch of the system upto the delivery point.
- ii) The supplier shall provide packing and preservation of the equipment and spares/goods contracted so as to ensure their safety against damage in the conditions of transportation, storage and weather hazards during transportation, subject to proper cargo handling. The supplier shall ensure that the stores are packed in containers, which are made sufficiently strong. Tags with proper marking shall be fastened to the special equipment, which cannot be packed.

10.0 **Installation :** The firm will install the system and demonstrate satisfactory working of all functions.

11.0 **Inspection :** The equipment will be subjected to 5 days continuous running trial for all functions. Video/audio recording should be clearly viewable and audible.

## 12.0 **Warranty and Product Support**

- i) The supplier shall cover the system under minimum one year on-site warranty against any defects/deficiency/malfunctioning concerning manufacturing/software/installation from the date of successful installation. Any part/sub-assembly/software found defective whether supplied by him or not will be replaced by the supplier free of cost during the warranty period.
- ii) The Supplier shall assure product support including AMCs (comprehensive/non-comprehensive) for the system, spare parts/assemblies/sub-assemblies, and consumables, special maintenance tools (SMT), if any, for a minimum period of 5 years beyond warranty period on payment basis.
- iii) In the event of system crash/corruption of software, if any difficulty is encountered in re-installation/change of source computer after warranty period, the supplier shall provide requisite installation support on payment basis.

## 13.0 **General**

- i) The replaced parts/items will be the property of Armapore P. G. College
- ii) Minor changes in laying pattern or in location etc., if considered necessary at any stage, will be done by the contractor with no additional charge.

**SCHEDULE OF WORK (BILL OF QUANTITY) Name of the work :** Installation of 18 no. CCTV Camera at  
 Armapore P. G. College, Kanpur

**Supply, Installation & Commisioning.**

Sl. No.	Description of Item	Unit Qty.	Basic Rates in Rs.	GST in %	Total in Rs.
1	Dome Camera	16			
2	Bullet Camera	02			
3	Microphone	16			
4	Digital Video Recorder	01			
5	Hard Disk	01			
6	Router	01			
7	CCTV wire 3+1	3300 mt. apprx.			
8	Connector BNC	36			
9	DC	18			
10	PVC pipe 10' x 1"	300 pc. apprx.			
11	Saddel	500 pc. apprx.			
12	CAT 6 wire	200 mt. apprx.			
13	Cable RJ11	200 mt. appx.			
14	Flexible pipe 1¼"	50 mt. appx.			
15	HDMI Convector	01			
16	HDMI Cable	10 mt. apprx.			
17	UPS	01			
18	Network Rack	4 unit			
19	Installation charges				
20	AMC	2 year			
	<b>Total cost of work</b>				

Total in words : Rs. -----

Note : L1 will be decided as per basic rate only.

Signature of vendor with date & seal