



# ***ARMY PUBLIC SCHOOL, NASIRABAD***

***Tender Document***

***For***

**“Installation of IP based CCTV Surveillance System to Cover  
Outside Infrastructure”**

***In r/o***

***Army Public School Nasirabad.***

**Tender Document No: 02 /APS/EX/CCTV/2025**

**Dated: 17.02.2025**

**Issued By:**

PRINCIPAL

Army Public School

Nasirabad - 305601

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## **SCHEDULE OF TENDER**

Tender No.	Tender Document No: 02/APS/EX/CCTV/2025
Name of the Tender Issuer	Principal, Army Public School, Nasirabad, Ajmer Dist (Rajasthan)
Scope of Work	Installation of IP based CCTV Surveillance System to Cover Outside Infrastructure in r/o APS, Nasirabad Details as per Annexure I
Quantity to be supplied	As per Annexure I
Cost / Fee of Tender Documents	Rs. 250/- in form of DD drawn in favour of Principal, Army Public School, Nasirabad.
Earnest Money Deposit (EMD)	EMD – Rs. 5,000/- In form of DD drawn in favour of Principal, Army Public School, Nasirabad.
Date of issue of tender document	17/02/2025
Last Date & Time for Submission of Bids	24/02/2025
Date & Time of Opening of Technical Bids	Will be intimated telephonically
Date & Time of Price Bid Opening	Will be intimated telephonically
Contact Number of the Principal	9636225443
Address for Communication	Principal, Army Public School, P-191, The Mall, Nasirabad, Ajmer (Dist) Rajasthan

## **ELIGIBILITY CRITERIA**

The bidders who are desirous for above work require fulfilling the following conditions:

1. Must be registered under GST Act.
2. Should not have been blacklisted by any State Govt. / Central Govt. / PSU in India. A self declaration is required as per **Annexure IV**.
3. Must have a valid PAN.

## **BID SUBMISSION**

Steps to be followed for submission of Bid :

1. The bid shall be submitted in three parts, The EMD Technical Bid & the Price Bid.

**i) Earnest Money Deposit (EMD):** Bidder has to submit EMD of required amount in the form of Demand Draft. Order drawn in favour of “Principal, Army Public School, Nasirabad. The EMD should be sealed in one envelope marked as “EMD”.

Earnest Money Deposit will not carry any interest. The EMD of unsuccessful bidders will be refunded on acceptance of the work order by the successful bidder. The EMD of successful bidder will be returned after completion of work.

**The bid not accompanying EMD is liable to be rejected.**

- ii) The Technical bid** sealed in another envelope marked as “Technical Bid” and shall contain.

- The bidder should supply the items as per technical specification mentioned in **Annexure I**.
- The bidder should give Details as per **Annexure II**, duly filled in, signed and complete in all respects. No alteration / modification in the format shall be permitted.
- A self declaration that the tenderer has not been blacklisted by any State Govt. / Central Govt. / PSU in India as per **Annexure IV**.

- iii) The price bid** shall be sealed in an envelope marked as “Price Bid” and shall contain the price bid as per **Annexure III** duly completed in all respects.

Rate quoted should be inclusive of GST. No price increase on account of change in tax structure, duties, levies, charges etc shall be permitted.

The three separate envelope containing EMD, technical bid and price bid should be sealed in one envelope and should be addressed as per tender schedule super-scribed as “**Installation of IP based CCTV Surveillance System to Cover Outside Infrastructure in r/o APS, Nasirabad**”.

## **GENERAL TERMS AND CONDITIONS OF THE BID**

Note: Bidders must read these conditions carefully and comply strictly while submitting their bids.

- 1) Bidder shall prepare the bid and submit it in a sealed envelope addressed to Principal, Army Public School, Nasirabad and send it through **Speed Post / Registered Post / Courier**. Each envelope should bear the name of bidder, along with the tender number. However the authorities shall not be responsible for postal and other delays in receipts of the bids.
- 2) Bidders are requested to check for any notice / amendment / clarification etc. to the Tender Document through the Website [www.apsnasirabad.in](http://www.apsnasirabad.in) / **Notice Board of the office of Principal, Army Public School, Nasirabad**. No separate notification will be issued for such notice / amendment / clarification etc. in the print media or individually.
- 3) The Bidders should note that Prices should not be indicated in the Technical bid and should be quoted only in the Price Bid as per **Annexure III**. In case the prices are indicated in the Technical bid, the bid shall stand rejected.

#### 4) **OPENING OF TECHNICAL BID**

The Technical proposal will be opened on 24/02/2025 at 11:00 A.M. (date will be intimated telephonically) in the presence of the Tender Committee and representative of the Bidders. (if any one present)

#### 5) **EVALUATION PROCESS**

Technical proposal will be evaluated on the basis of compliance to eligibility criteria, technical specification, and other terms & conditions stipulated in the tender document. Financial proposal will be opened only of those bidders who qualify in the technical evaluation. The Management Committee reserves the right to reject any or all the tenders without assigning any reason thereof.

- 6) **AWARD OF CONTRACT:** Financial bids with lowest price quotation for the assignment as per Annexure-III will be considered for negotiations and award of contract. However where there is tie between bidders in lowest evaluated package price, the person having highest financial turnover in the preceding 3 financial year will be given preference.

- 7) The bids not submitted in prescribed format or in prescribed manner, shall be rejected by the Tender Committee at the risk and responsibility of the bidder.
- 8) All the information as called for in the Tender Document should be submitted truly, clearly, legibly, transparently, unambiguously of the bidder.
- 9) In the financial bid the total figures should be written in figures followed by words.
- 10) Each page of the tender document should be signed by the bidder with seal, in token of having understood and accepted the terms and conditions of the contract and serially numbered and page marked.
- 11) A bid submitted cannot be withdrawn. The bidder or his authorized representative (one person only) will be allowed to be present at the time of opening of tenders.
- 12) The tendering authority reserves the right to accept any bid and to annul the bid process and reject all bids at any time prior to award of contract, without assigning reasons and without thereby incurring any liability to be affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the action.
- 13) All the transit risks shall be the responsibility of the supplier.
- 14) All the disputes shall be subjected to the jurisdiction of Civil Courts situated in Nasirabad, Dist- Ajmer (Rajasthan).

- 15) Any matter which has not been covered under these provisions shall be governed as per AWES/School Rules.
- 16) If the work is found unsatisfactory or, if the firm dishonors the contract, the EMD may be forfeited and the job may be entrusted to another firm. In this regard the decision of the Management is final and binding on the contractor.
- 17) Any notice given by one party to the other pursuant to this contract shall be sent in writing to Principal, Army Public School, Nasirabad-305601.
- 18) **PAYMENT TERMS** : All payments will be made within 30 days of submission of invoice, based on completion of respective terms & conditions. TDS will be deducted as per the Rules. The invoice will be raised in favour of Principal, Army Public School, Nasirabad-305601.
- 19) **Completion Period** : The work shall be completed in all respect within 20 days from the date of issue of work order.



**TECHNICAL SPECIFICATION FOR INSTALLATION OF IP BASED CCTV SURVEILLANCE SYSTEM TO COVER OUTSIDE INFRASTRUCTURE**

<b>IP BASED CCTV SURVEILLANCE SYSTEM</b>		
<b>S.No</b>	<b>Feature</b>	<b>Technical Specification</b>
<b>1.</b>	<b>NVR - CP-UNR-4K5322-FI 32 Ch. 4K AI Network Video Recorder (NVR)</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Up to 32 channel IP camera input</li> <li><input type="checkbox"/> Max.384 Mbps incoming/recording/outgoing bandwidth</li> <li><input type="checkbox"/> Insta stream/H.265/Smart H.264+/H.264/MJPEG codec decoding</li> <li><input type="checkbox"/> AI by Recorder: 2-channel face detection or recognition/ 4-channel perimeter protection/ 8- channel SMD Plus.</li> <li><input type="checkbox"/> AI by Camera: Face detection and recognition, perimeter protection, SMD Plus, metadata, ANPR, stereo analysis, heat map, and people counting.</li> <li><input type="checkbox"/> Support 2 SATA HDDs up to 16TB Each, 2 USB Ports (1 USB 3.0)</li> <li><input type="checkbox"/> HDMI/ VGA simultaneous video output</li> <li><input type="checkbox"/> Support Multi-brand network cameras</li> <li><input type="checkbox"/> Mobile Software: iCMOB, gCMOB</li> <li><input type="checkbox"/> CMS Software: KVMS Pro</li> </ul>
<b>2.</b>	<b>PTZ CAMERA : CP UNP- E3241L15-DEP (4 MP WDR 32 x IR Network PTZ Camera- 150 Mtr)</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> 1/2.8" 4MP CMOS Image sensor (0.9071 centimeters)</li> <li><input type="checkbox"/> Max. 25/30fps@4MP</li> <li><input type="checkbox"/> Powerful 32x Optical zoom and 16x Digital zoom</li> <li><input type="checkbox"/> WDR(120dB), 2D/3D-DNR, Day/Night (ICR), EIS, Electronic Defog, ROI, AGC, AWB, BLC, HLC</li> <li><input type="checkbox"/> Up to 300 Presets, 5 Auto scan, 8 Tour, 5 Pattern</li> <li><input type="checkbox"/> IR Range of 150 Mtr.</li> <li><input type="checkbox"/> Max 300° /s pan speed, 360° endless pan rotation</li> <li><input type="checkbox"/> Built-in 2/1 alarm in/out, IP67, IK10, Micro SD Card, PoE+</li> <li><input type="checkbox"/> Support Starlight Technology</li> <li><input type="checkbox"/> Deep-learning-based auto tracking and perimeter protection</li> <li><input type="checkbox"/> SMD PLUS</li> <li><input type="checkbox"/> Support Face Detection</li> <li><input type="checkbox"/> Mobile Software: iCMOB, gCMOB</li> </ul>
<b>3.</b>	<b>BULLET CAMERA : CP-ENC-T41PL3C-GP (4 MP IR Network Bullet Camera – 30 Mtr)</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> 1/3" 4MP PS CMOS Image Sensor (0.84667cm)</li> <li><input type="checkbox"/> 2560(H) x 1440(V)@25fps</li> <li><input type="checkbox"/> H.265/H.264</li> <li><input type="checkbox"/> DWDR, BLC, HLC, 3D-NR, White Balance</li> <li><input type="checkbox"/> 3.6mm fixed lens (2.8mm optional)</li> <li><input type="checkbox"/> IR Range of 30 Mtr, PoE</li> </ul>
<b>4.</b>	<b>HYBRID BULLET CAMERA : CP-UNC-TA41L3C-L 4MP DUAL LIGHT HYBRID IP BULLET (COLOR+MIC)</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> 1/2.9" 4MP PS CMOS Image Sensor (0.8758 centimeter)</li> <li><input type="checkbox"/> Max. 4MP (2560 ×1440)@25/30 fps</li> <li><input type="checkbox"/> Instastream, H.265 and H.264 , dual-stream encoding</li> <li><input type="checkbox"/> WDR, Day/Night (ICR), 3D DNR, ROI, AWB, AGC, BLC, HLC</li> <li><input type="checkbox"/> 3.6mm fixed lens (2.8mm Optional)</li> <li><input type="checkbox"/> Support Built-in Mic</li> <li><input type="checkbox"/> Support Motion Detection</li> <li><input type="checkbox"/> IR Range of 30 Mtrs., Warm Light Range of 30 Mtrs., IP67, PoE</li> <li><input type="checkbox"/> Mobile Software: iCMOB, gCMOB</li> <li><input type="checkbox"/> CMS Software: KVMS Pro Lite</li> </ul>
<b>5.</b>	<b>8 Tb Hard disk</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> SATA 6Gb/s Interface</li> <li><input type="checkbox"/> 3.5-inch Form factor</li> <li><input type="checkbox"/> CMR Recording Technology</li> <li><input type="checkbox"/> Yes Advanced Format (AF)</li> <li>Yes RoHS compliant</li> </ul>

**IP BASED CCTV SURVEILLANCE SYSTEM**

S.No	Feature	Technical Specification
6.	<b>Fiber Cable</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> : SKU</li> <li><input type="checkbox"/> : IND.FIB.423650770Type of Product</li> <li><input type="checkbox"/> : Fibre Optic CableFiber Type</li> <li><input type="checkbox"/> : OS2No of Core</li> <li><input type="checkbox"/> : 4Color</li> <li><input type="checkbox"/> : Black (Sheath)Sheath Material</li> <li><input type="checkbox"/> : Low Smoke Zero Halogen (LSZH)Length</li> <li><input type="checkbox"/> : 200 mCountry of Origin</li> <li><input type="checkbox"/> : United KingdomMaximum Operating Temperature</li> <li><input type="checkbox"/> : +70°CMinimum Operating Temperature</li> <li><input type="checkbox"/> : -20°CMinimum Bend Radius (Inch)</li> <li><input type="checkbox"/> : 15 DTerminated/Unterminated</li> <li><input type="checkbox"/> : Unterminated</li> </ul>
7.	<b>D-LINK Lan Cable ( 305 mtr )</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Category : 6 UTP Solid cable</li> <li><input type="checkbox"/> Conductor : Conductor : 23 AWG (Solid)</li> <li><input type="checkbox"/> Conductor Meta : Conductor Meta : Bare Copper</li> <li><input type="checkbox"/> Insulation Material : HD-PE</li> <li><input type="checkbox"/> OD : 6.1mm ±0.2</li> <li><input type="checkbox"/> Resistance Unbalance : 5% Max</li> <li><input type="checkbox"/> Capacitance Unbalance : 330pF/100m</li> <li><input type="checkbox"/> Delay Skew : &lt;45nS</li> </ul>
8.	<b>Media converter</b>	Hanutech Fast Ethernet To Fiber Media Converter 10/100 Mbps,Single Mode Single Fiber Media Converter RJ45 Port To 100Base-FX SMSF Upto 20 Kms
9.	<b>POE Switch : CP Plus 8+2 Giga Uplink POE Switch</b>	<p>8 Port Fast Ethernet PoE Switch with 2 Gigabit Uplink</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Support One key Extend, ports 1-8 support 250 effective meters.</li> <li><input type="checkbox"/> Support One key VLAN, ports 1-8isolation for network security. •</li> <li><input type="checkbox"/> Support IEEE 802.3 af/at standards, automatically detect and identify the PD devices that comply with IEEE 802.3 af/at protocol and supply power.</li> <li><input type="checkbox"/> The fanless design realizes saving energy and environmental protection &amp; a noise-free environment.</li> <li><input type="checkbox"/> Support saving power function when port disconnection. • All Ports support Wire-speed</li> </ul>
10.	<b>12 U Rack</b>	Supply & Installation of IP-20 & IK-08 , UL Listed Wall mounted Double Section Communication enclosure (Rack) made from powder coated (60 to 80 Micron) CRCA sheet, front sturdy sheet steel frame folded from one piece and welded with minimum 5mm toughened glass door, Vertical Mounting Rail 1.6 MM with 'U' Marking , with All round protective channel on the door aperture, lock integrated on front door, top and bottom cover with cable entry provision with gland plates, integrated side walls, 2 pair of 19" angles with wall mounting provision on wall. Accessories like: 1 No of 19" 1U Horizontal Cable manager, 1 No of 90 cfm 230V AC Fan with 1 mts long cable, mounting hardware , 1 No of 19" 1U, mountable socket strips with 5 nos of 5A universal sockets with 2 mts long power chord for supplying power to switches, fans etc along with earth continuity kit, indicator, moulded power supply cable. fixing on wall with Suitable Anchor fastner etc as required. All as per pre approved by Engineer incharge.

**IP BASED CCTV SURVEILLANCE SYSTEM**

<b>S.No</b>	<b>Technical Specification</b>
<b>11.</b>	<b>Conduit pipe</b>
<b>12.</b>	<b>PVC Box</b>
<b>13.</b>	<b>RJ 45 connector (D-Link)</b>
<b>14.</b>	<b>Electric Power Points</b>

**Terms and Conditions for Installation of IP based CCTV Surveillance System to Cover Outside Infrastructure in r/o APS, Nasirabad :**

1. The vendor should clearly specify name of the manufacturer of CCTV Cameras, NVR & POE Switch the model number and provide product literature with the offer.
2. Enclose technical compliance table for each major technical specification mentioned above. Any deviation from the above mentioned specifications should be clearly brought out in the compliance table.
3. User manual for operating CCTV Setup should be supplied.
4. Installation of the CCTV Surveillance System will have to be carried out in proper manner, any additional cost for installation should be clearly mentioned.
5. All the necessary electrical and other interface cables should be provided with the CCTV Cameras at no extra cost. The power connectors for all the equipments should be of Indian Standard (three pin) type.
6. The offer should mention all applicable taxes separately and clearly.

**DETAILS OF THE TENDERER**

<b>SL.NO.</b>	<b>PARTICULARS</b>	
01.	Name of the Firm / Agency / Company	
02.	Registered Office Address & Complete Postal address	
03.	Telephone Number & E-mail Id	
04.	Name of Authorized Signatory (in block letters)	
05.	Contact No. of Authorized Signatory	
06.	Type of Firm (Proprietary / Partnership / Pvt. Ltd. / Public ltd.)	Tenderer has to provide relevant documents (with the technical bid) as a proof of firm type.
07.	Date of Establishment and Experience in business (in number of years)	Work order to be attached
08.	G.S.T. Registration No.	
09.	PAN No.	
10.	Details of Earnest Money Deposit i.e. Draft No., date and bank name.	
11.	Yearly turnover of the organization during last 3 years (year wise) and furnish audited Balance Sheet and Profit and Loss A/c for the last 3 years. 2021-22 2022-23 2023-24	
12.	Furnish the names of 3 responsible persons along with their designation, address, Telephone Number etc. for whose organization, you have completed / work in progress who will be in a position to certify about the performance of your organization.	

Date:

Place:

Signature &amp; Seal of the Bidder

**PRICE SCHEDULE**

To

The Principal,

Army Public School,

Nasirabad -305601,

Dist- Ajmer (Rajasthan)

Ref: Bid No. \_\_\_\_\_ Dated \_\_\_\_\_

Sir,

I / We \_\_\_\_\_ hereby offer to supply the following items at the prices and within the period indicated below.

<b>IP BASED CCTV SURVEILLANCE SYSTEM</b>					
S.No	Feature	Technical Specification	Qty	Unit Price	Total Amount
1.	NVR - CP-UNR-4K5322-FI 32 Ch. 4K AI Network Video Recorder (NVR)	<input type="checkbox"/> Up to 32 channel IP camera input <input type="checkbox"/> Max.384 Mbps incoming/recording/outgoing bandwidth <input type="checkbox"/> Insta stream/H.265/Smart H.264+/H.264/MJPEG codec decoding <input type="checkbox"/> AI by Recorder: 2-channel face detection or recognition/ 4-channel perimeter protection/ 8-channel SMD Plus. <input type="checkbox"/> AI by Camera: Face detection and recognition, perimeter protection, SMD Plus, metadata, ANPR, stereo analysis, heat map, and people counting. <input type="checkbox"/> Support 2 SATA HDDs up to 16TB Each, 2 USB Ports (1 USB 3.0) <input type="checkbox"/> HDMI/ VGA simultaneous video output <input type="checkbox"/> Support Multi-brand network cameras <input type="checkbox"/> Mobile Software: iCMOB, gCMOB <input type="checkbox"/> CMS Software: KVMS Pro	01		
2.	PTZ CAMERA : CP UNP-E3241L15-DEP (4 MP WDR 32 x IR Network PTZ Camera- 150 Mtr)	<input type="checkbox"/> 1/2.8" 4MP CMOS Image sensor (0.9071 centimeters) <input type="checkbox"/> Max. 25/30fps@4MP <input type="checkbox"/> Powerful 32x Optical zoom and 16x Digital zoom <input type="checkbox"/> WDR(120dB), 2D/3D-DNR, Day/Night (ICR), EIS, Electronic Defog, ROI, AGC, AWB, BLC, HLC <input type="checkbox"/> Up to 300 Presets, 5 Auto scan, 8 Tour, 5 Pattern <input type="checkbox"/> IR Range of 150 Mtr. <input type="checkbox"/> Max 300° /s pan speed, 360° endless pan rotation <input type="checkbox"/> Built-in 2/1 alarm in/out, IP67, IK10, Micro SD Card, PoE+ <input type="checkbox"/> Support Starlight Technology <input type="checkbox"/> Deep-learning-based auto tracking and perimeter protection <input type="checkbox"/> SMD PLUS <input type="checkbox"/> Support Face Detection <input type="checkbox"/> Mobile Software: iCMOB, gCMOB	01		

**IP BASED CCTV SURVEILLANCE SYSTEM**

S.No	Feature	Technical Specification	Qty	Unit Price	Total Amount
3.	<b>BULLET CAMERA :</b> CP-ENC-T41PL3C-GP (4 MP IR Network Bullet Camera – 30 Mtr)	<input type="checkbox"/> 1/3" 4MP PS CMOS Image Sensor (0.84667cm) <input type="checkbox"/> 2560(H) x 1440(V)@25fps <input type="checkbox"/> H.265/H.264 <input type="checkbox"/> DWDR, BLC, HLC, 3D-NR, White Balance <input type="checkbox"/> 3.6mm fixed lens (2.8mm optional) <input type="checkbox"/> IR Range of 30 Mtr, PoE	18		
4.	<b>HYBRID BULLET CAMERA :</b> CP-UNC-TA41L3C-L 4MP DUAL LIGHT HYBRID IP BULLET (COLOR+MIC)	<input type="checkbox"/> 1/2.9" 4MP PS CMOS Image Sensor (0.8758 centimeter) <input type="checkbox"/> Max. 4MP (2560 ×1440)@25/30 fps <input type="checkbox"/> Instastream, H.265 and H.264 , dual-stream encoding <input type="checkbox"/> WDR, Day/Night (ICR), 3D DNR, ROI, AWB, AGC, BLC, HLC <input type="checkbox"/> 3.6mm fixed lens (2.8mm Optional) <input type="checkbox"/> Support Built-in Mic <input type="checkbox"/> Support Motion Detection <input type="checkbox"/> IR Range of 30 Mtrs., Warm Light Range of 30 Mtrs., IP67, PoE <input type="checkbox"/> Mobile Software: iCMOB, gCMOB <input type="checkbox"/> CMS Software: KVMS Pro Lite	02		
5.	<b>8 Tb Hard disk</b>	<input type="checkbox"/> SATA 6Gb/s Interface <input type="checkbox"/> 3.5-inch Form factor <input type="checkbox"/> CMR Recording Technology <input type="checkbox"/> Yes Advanced Format (AF) Yes RoHS compliant	01		
6.	<b>Fiber Cable</b>	<input type="checkbox"/> : SKU <input type="checkbox"/> : IND.FIB.423650770Type of Product <input type="checkbox"/> : Fibre Optic CableFiber Type <input type="checkbox"/> : OS2No of Core <input type="checkbox"/> : 4Color <input type="checkbox"/> : Black (Sheath)Sheath Material <input type="checkbox"/> : Low Smoke Zero Halogen (LSZH)Length <input type="checkbox"/> : 200 mCountry of Origin <input type="checkbox"/> : United KingdomMaximum Operating Temperature <input type="checkbox"/> : +70°CMinimum Operating Temperature <input type="checkbox"/> : -20°CMinimum Bend Radius (Inch) <input type="checkbox"/> : 15 DTerminated/Unterminated <input type="checkbox"/> : Unterminated	<b>400 Mtr</b>		
7.	<b>D-LINK Lan Cable ( 305 mtr )</b>	<input type="checkbox"/> Category : 6 UTP Solid cable <input type="checkbox"/> Conductor : Conductor : 23 AWG (Solid) <input type="checkbox"/> Conductor Meta : Conductor Meta : Bare Copper <input type="checkbox"/> Insulation Material : HD-PE <input type="checkbox"/> OD : 6.1mm ±0.2 <input type="checkbox"/> Resistance Unbalance : 5% Max <input type="checkbox"/> Capacitance Unbalance : 330pF/100m <input type="checkbox"/> Delay Skew : <45nS	<b>5 Bundle</b>		
8.	<b>Media converter</b>	Hanutech Fast Ethernet To Fiber Media Converter 10/100 Mbps, Single Mode Single Fiber Media Converter RJ45 Port To 100Base-FX SMSF Upto 20 Kms	<b>04 Pair</b>		

**IP BASED CCTV SURVEILLANCE SYSTEM**

S.No	Feature	Technical Specification	Qty	Unit Price	Total Amount
9.	<b>POE Switch : CP Plus 8+2 Giga Uplink POE Switch</b>	8 Port Fast Ethernet PoE Switch with 2 Gigabit Uplink <input type="checkbox"/> Support One key Extend, ports 1-8 support 250 effective meters. <input type="checkbox"/> Support One key VLAN, ports 1-8 isolation for network security. • <input type="checkbox"/> Support IEEE 802.3 af/at standards, automatically detect and identify the PD devices that comply with IEEE 802.3 af/at protocol and supply power. <input type="checkbox"/> The fanless design realizes saving energy and environmental protection & a noise-free environment. <input type="checkbox"/> Support saving power function when port disconnection. • All Ports support Wire-speed	09		
10.	<b>12 U Rack</b>	Supply & Installation of IP-20 & IK-08 , UL Listed Wall mounted Double Section Communication enclosure (Rack) made from powder coated (60 to 80 Micron) CRCA sheet, front sturdy sheet steel frame folded from one piece and welded with minimum 5mm toughened glass door, Vertical Mounting Rail 1.6 MM with 'U' Marking , with All round protective channel on the door aperture, lock integrated on front door, top and bottom cover with cable entry provision with gland plates, integrated side walls, 2 pair of 19" angles with wall mounting provision on wall. Accessories like: 1 No of 19" 1U Horizontal Cable manager, 1 No of 90 cfm 230V AC Fan with 1 mts long cable, mounting hardware , 1 No of 19" 1U, mountable socket strips with 5 nos of 5A universal sockets with 2 mts long power chord for supplying power to switches, fans etc along with earth continuity kit, indicator, moulded power supply cable. fixing on wall with Suitable Anchor fastner etc as required. All as per pre approved by Engineer incharge.	01		
11.	<b>Conduit pipe</b>		2000 mtr		
12.	<b>PVC Box</b>		20		
13.	<b>RJ 45 connector (D-Link)</b>		100		
14.	<b>Electric Power Points</b>		10		
15.	<b>Complete Testing installation services Charges</b>				
<b>TOTAL COST</b>					
<b>GST</b>					
<b>GRAND TOTAL (INCLUSIVE GST &amp; ALL TAXES)</b>					

Kindly mention time period for Supply of Items :

It is herewith certified that we have understood the General Terms & Conditions of the bid and our offer is to supply items strictly in accordance with the requirements and the terms mentioned in the bid.

**Note**

No change in the proforma is permissible.

Date:

Place:

(Signature & Seal of the Bidder)

**SELF DECLARATION FOR NOT BLACK LISTED**

To

**The Principal,**

**Army Public School,**

**Nasirabad -305601,**

**Dist- Ajmer (Rajasthan)**

Ref: Tender No.\_\_\_\_\_Dated\_\_\_\_\_

Madam / Sir,

I / We\_\_\_\_\_hereby confirm  
that our firm has not been banned or blacklisted by any Govt. Organization /  
Financial Institution / Court / Public Sector Unit / Central Govt.

Date:

Place:

Signature & Seal of the Bidder

**PRINCIPAL**

**Army Public School,**

**Nasirabad, Rajsthan**