



सरदार वल्लभभाई पटेल राष्ट्रीय पुलिस अकादमी  
SARDAR VALLABHBHAI PATEL NATIONAL POLICE ACADEMY  
(भारत सरकार : गृह मंत्रालय)  
(Government of India : Ministry of Home Affairs)  
हैदराबाद - 500 052  
Hyderabad - 500 052

**OPEN TENDER NO : 26011/50/2016-17/HS.OM(i)**

**IMPLEMENTATION OF SECURITY SURVEILLANCE IN PERIMETER AREAS  
OF SARDAR VALLABHBHAI PATEL, NATIONAL POLICE ACADEMY,  
HYDERABAD**

Date of Tender Enquiry : 28-02-2017

Closing date & time of submitting bids : 21-03-2017 at 1200 Hrs.



Website: <http://www.eprocure.gov.in>

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हैदराबाद - 500 052 Hyderabad - 500 052

**OPEN TENDER**  
**(e-Tender)**

1. SVP National Police Academy, Shivrampally, Hyderabad, invites **e-bids** under two-bid system from reputed firms for implementation of Security Surveillance cameras with three years comprehensive onsite warranty in Perimeter areas of the Academy. The technical specifications are enclosed herewith.
2. Salient features of the tender enquiry are as follows:-

a)	Tender No.	26011/50/2016-17/HS.OM(i)
b)	Description of stores	Implementation of Security Surveillance Cameras with 3 years comprehensive onsite warranty in Perimeter areas of the Academy
c)	Type of Tender	Open Tender
d)	Bid System	Two Bid System <b>(two cover Technical Bid &amp; financial Bid)</b>
e)	Earnest Money Deposit	Demand draft for Rs.1,00,000/- (Rupees One lakh only) drawn from any of the Commercial Banks in favour of the 'The Director, S.V.P National Police Academy, Hyderabad.
f)	Delivery schedule/ completion period	Delivery/ implementation should be completed within 90 days from the date of work order.
g)	Terms of Delivery	Free on Rail/ Road (F.O.R) Destination, SVP NPA Hyderabad.
(h)	Bid validity	Bid should be valid for <b>180 days</b> from the date of opening of bid.
(i)	Address of correspondence	The Administrative Officer (Admn) SVP National Police Academy, Shivrampally, Hyderabad, Telangana - 500052
(j)	Warranty	Three years comprehensive onsite warranty support.

3. Important dates related to this tender are furnished below for information: -

S.No.	Particulars	Date	Time
1.	Date of online publication of tender	28-02-2017	1500
2.	Starting date for downloading Tender document	28-02-2017	1600
3.	Bid submission starting date	28-02-2017	1700
4.	Bid submission closing date	21-03-2017	1200
5.	Closing date & time for submission of original copies of EMD	21-03-2017	1700
6.	Opening of technical bids.	22-03-2017	1200

(Contd. 2)

4. Interested manufacturers/ authorised dealers/ stockists/ suppliers dealing with above items can download the tender document from CPP Portal ([www.eprocure.gov.in](http://www.eprocure.gov.in)) and bid can only be submitted through the same website. **Bid submitted other than CPP Portal will not be accepted.** The Eligible bidders should have the valid digital signature certificate (DSC) issued from any agency authorised by Controller of Certifying Authority (CCA), Govt. of India.

5. The bids are invited online under two cover system (Technical bid (Cover 1) and price bid/ bill of quantity (BOQ) (Cover 2)) from eligible bidders.

6. Bidders can access and download the tender documents from CPP Portal and can fill them with all relevant information and submit the completed tender document online on the website: <http://www.eprocure.gov.in>. The downloading of tender documents shall be carried out strictly as provided on the website. No editing, addition, deletion of matter shall be permitted. If such action is observed at any stage, such tenders are liable for outright rejection.

7. Tender shall be submitted online only at CPPP website. Bidders are advised to refer the Bidders manual kit for e-submission of the bids online through the Central Public procurement portal available at the website: <http://www.eprocure.gov.in>. Aspiring Bidders/ Suppliers who have not enrolled/ registered in e-procurement should enrol/register before participating through the website <http://www.eprocure.gov.in>. The portal enrolment is free of cost.

8. All the documents as per tender requirement should be uploaded online and further, no documents will be accepted offline. However, Demand Draft (EMD – Earnest money deposit) hard copy should be sent to SVP National Police Academy before the due date of opening. Bidders who are not submitting any of the required documents online will summarily be rejected.

9. The details of the Tender document and EMD should be filled and uploaded online. Earnest Money Deposit (EMD) for **Rs.1,00,000/- (Rupees One lakh only)** (Refundable) should be deposited in form of Crossed Demand draft Drawn on any nationalized bank in favour of Director, SVP National Police Academy, payable at SBH, Shivarampally, Hyderabad. **Bids without EMD will not be considered.** Tender Reference Number or details should be mentioned on the backside of the original crossed Demand Draft and the same should be sent to SVP National Policy Academy, Hyderabad before due date of opening of the tender.

### **Terms and Conditions**

10. The TIA (Tender inviting authority) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour. For any queries regarding e-tendering process, the bidders are requested to contact over phone : 08826246593 ,07799289911 or send a mail over to [cppp-nic@nic.in](mailto:cppp-nic@nic.in).

11. Technical bid should include information related to all specifications sought. It should also contain company brochures of all equipments and should be accompanied by relevant technical documents issued by the manufacturer in support of specifications asked for.

12. Delivery/installation/ providing services is to be started within 90 days from the date of Work Order failing which, penalty @ 0.5% of the Work Order value will be recovered for every week period delay from the final payment. Further in case of inordinate delay of 120 days from the date of Work Order, this work order stands cancelled without any further notice and you will also be liable to be blacklisted.

13. The date of placing the order shall be the date of dispatch of order of the delivery there of to the tenderer, when such order is being delivered through some person.

14. If the tenderer fails to provide service within stipulated delivery period then the work order will stand cancelled and the security deposits shall be forfeited. In addition, the tenderer may be blacklisted for a definite period to be decided by SVP NPA, during which no supply order would be given to the blacklisted tenderer. In this case, order for the same service (s) will be awarded to the L2 tenderer based on the same documentation & processes.

15. After the expiry of the stipulated delivery period, which includes extension period if any, no item shall be accepted by SVP NPA. If the tenderer applies for the extension of the delivery period, the extension can be granted on valid grounds only once and up to a maximum of 30 days.

16. No interest will be allowed on the Earnest Money Deposit or security deposits so remitted and no claim shall be entertained in respect of the same. It may specifically be noted that ordinarily payment will be made only after full supplies are completed as per orders and that no advance payment can be arranged.

17. The tenderer shall be responsible for the proper packing of goods so as to avoid damages under normal conditions of transport by rail, road or air and for delivery of the material in good conditions to the consignee at destination. In the event of any loss, damage breakage, leakage or any shortage tenderer shall be liable to make good such loss or shortage.

18. **Warranty.** Three years comprehensive onsite warranty support.

19. **Performance Security Clause.** The successful bidder shall have to deposit a performance security of 5% of the contract value of the work order rounded up to next hundred in the form of account payee demand draft/ bank guarantee from a nationalized/ scheduled commercial bank in favour of the Director, SVP NPA Hyderabad payable at SBH Shivrampally, Hyderabad within 15 days of the placement of work order for due performance as per the provisions contained in GFR – 158. Failure on the part of the firm to deposit the performance security within stipulated time the purchaser reserves the right to cancel the Work Order. Performance Security submitted by the bidder will remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier. No interest will be payable for "Performance Security."

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20. **Bid Validity.** The Bid/ Tender submitted shall necessarily remain valid for 180 days. If any bidder withdraws his tender before the said period, SVP NPA shall without prejudice to any other right or remedy, be at liberty to forfeit the bid security submitted alongwith the bid.

21. **Terms of Payment.** Payments would be made on a successful implementation of the project and after submission of the bill in triplicate. Payment would be made after deducting the penalty, if any. No advance payment or payment against proforma invoice will be made.

22. Prices shall be quoted in Indian rupees only.

23. The prices once accepted by the Purchaser shall remain valid till the successful execution of the complete order to the satisfaction of the Academy. The Academy shall not entertain any increase in the prices during the period. In the event there is a reduction or increase in Government levy/ duties during the period of execution of the order, the rates shall be suitably adjusted with effect from the date notifying the said reduction or increase in the Government levy/ excise duty. However, the Purchaser is not liable to any claim from the Supplier on account of fresh imposition and/ or increase of Excise Duty, Customs Duty, Sales Tax etc. on raw materials and/ or components used directly in the manufacture of contracted goods taking place during the pendency of contract.

24. The bidder should have their own full-fledged service centre with all necessary tool kits and well qualified engineers and any service call should be responded without failure during warranty period. Bidders should submit necessary supporting documents in proof of the same.

25. The Director, SVP National Police Academy reserves the right to order full or part thereof of the items enclosed or accept/ reject any or all the bids without assigning any reason.

26. The turnover of the bidding company must be minimum Rs.5 crores in the last financial year.

27. Following scanned documents in **pdf file** format must be enclosed in separate covers duly sealed and stamped.

**First Cover (In pdf): -**

- (a) Firm Registration Certificate as per the Companies Act of India.
- (b) ISO Certification.
- (c) Banker details.
- (d) Details of previous experience/ supply.
- (e) Authorization certificate from OEM of all products proposed & Vendor should have presence in Hyderabad/ Secunderabad.
- (f) Sales Tax clearance & VAT Registration.

- (g) Income Tax Returns.
- (h) Details of last year turnover.
- (i) Scanned copy of EMD Demand Draft drawn in favour of 'The Director, S.V.P. National Police Academy, Hyderabad' submitted in portal followed by original copy before closing of tender date at the address of the Administrative Officer (Admn.), SVP National Police Academy, Shivarampally, Hyderabad. Offers received without the prescribed EMD will be rejected summarily.
- (j) Technical compliance statement should be submitted in clear statement form and all brochures relating to the product quoted should be submitted. Bidders with no compliance statement will be summarily rejected.

**Second Cover: -**

- (a) Financial bid (In excel file like BoQ): - The rates i.e. unit rate of each item and total amount including all taxes, labour charges, if any, are to be quoted explicitly both in words and figures. The Price Bid/ BOQ template must not be modified or replaced by the bidder; else the bid submitted is liable to be rejected for this tender.

28. **Taxes and duties.**

- (a) Vendor shall be entirely responsible for all taxes, duties, license fees etc. incurred until delivery of the contracted services to the Academy.
- (b) No bid will be considered unless and until all the pages / documents comprising the bid are properly numbered, signed and stamped by the person/s authorized to do so.

29. Right to cancel the order. The Director, SVP National Police Academy reserves the right to cancel the purchase order without any financial repercussion on either side and without seeking the consent of the supplier at any stage of purchase process. No further correspondence in this matter will be entertained.

Yours faithfully,



(K.Shankar)  
Administrative Officer (Admn.)  
SVP NPA Hyderabad

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Gram: 'POLACADEMY' e-mail:administrator@svpnpa.gov.in Tel: 91-040-24015151 to 24015158 Fax: 91-040-24015179



## TECHNICAL SPECIFICATIONS FOR SECURITY CAMERAS

The Academy is proposing to place PoE based security cameras for the Gym and BCTC buildings. The required specifications are given below. **Networking** for these cameras are in the supplier scope only and should use Systimax / Schneider electric with UTP CAT-6, including PoE adaptors if required. Before submitting quotation the bidder should make a site survey. Without site survey any ambiguity in quotation is not acceptable.

### Specification for FIXED CAMERA

1. The camera shall utilize a 1/4-type progressive scan Exmor CMOS sensor or better technology.
2. The number of effective pixels shall be 1.3 Megapixels or above.
3. The camera shall require a minimum scene illumination of:  
When using the White-LED illuminators: Color: 0 lx  
When NOT using the White-LED illuminators: Color:  
1.0 lx (50 IRE [IP], F 2.0, VE Off, Auto gain control maximum rate MAX, 1/30s, 30 fps)  
0.5 lx (30 IRE [IP], F 2.0, VE Off, Auto gain control maximum rate MAX, 1/30s, 30 fps).
4. The dynamic range above 40db.
5. The camera shall limit the maximum amount of gain-controlled automatic exposure control.
6. The electronic shutter speed shall be set from 1 to 1/10,000 second.
7. The camera shall adjust the target brightness for the automatic exposure setting by selecting the exposure correction value from the list box on the menu.
8. White balance shall be selected among ATW (approx. 2000 K to 10000 K), ATW-PRO (approx. 2500 K to 6000 K), Indoor, Outdoor, Fluorescent lamp, Mercury lamp, Sodium Vapor lamp, Metal Halide lamp, White LED, One push WB, or Manual settings. The camera shall have a fixed focal lens.
9. The viewing angle in 1280 x 720 mode (16:9 aspect ratio) shall be: Horizontal: above 115.0 degree; Vertical: above 55 degree.
10. The focal length shall be 1.83 mm or better.
11. The aperture range for the lens (F number) shall be F 2.0.
12. The minimum object distance shall be (500 mm) or better.
13. The camera shall have at-least 1 White-light LED illuminators which are always linked with the passive infrared (PIR) sensor.  
The PIR sensor can detect movements in total darkness by measuring the intruder's body temperature, switching on these White-light LED illuminators that capture clear color images up to a distance of approximately 10 feet (3 m), even in total darkness of 0 lux. In other words, these illuminators do not light up during day time.

<b>TECHNICAL PARAMETER</b>	<b>SPECIFICATION</b>	<b>COMPLAINE (YES/NO)</b>
Image Sensor	1/4-type progressive scan Exmor CMOS sensor or better	
Number of Effective Pixels	Approx. 1.3 Megapixels or better	
Minimum Illumination (50 IRE)	Color: 1.0 lx (F2.0, VE OFF, AGC MAX, 1/30 s, 30 fps)	
Minimum Illumination (30 IRE)	Color: 0.5 lx (F2.0, VE OFF, AGC MAX, 1/30 s, 30 fps)	
Dynamic Range	More than 40 dB	
Gain	Auto	
Shutter Speed	1/1 s to 1/10,000 s	
Exposure Control	Exposure compensation, AGC, Shutter speed	
White Balance	ATW, ATW-PRO, Fluorescent lamp, Mercury lamp, Sodium vapour lamp, Metal halide lamp, White LED, One push WB, Manual	
Lens	Fixed lens	
Horizontal Viewing Angle	115° or better	
Vertical Viewing Angle	55.0° or better	
Focal Length	f = 1.83 mm	
F-Number	F2.0	
Minimum Object Distance	500 mm or better	
White-light LED Illuminator	Yes	
LED Working Distance	3 m or better	
Wide-D	View-DR® LT-C technology or equivalent	
Tone Correction	Visibility Enhancer (VE)	
Noise Reduction	XDNR technology or similar technology	
Image Stabilizer	Yes	
Edge Storage	Yes	
Memory Size for Pre/Post Buffer	Approx. 8 MB	
Voice Alert	Yes	
Superimpose Language	English	
Menu Language	English	
Smartphone viewer	Yes	
Resolution	1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 180, (H.264, JPEG)	
Compression Format	H.264 (High/Main/Baseline Profile), JPEG	
Maximum Frame Rate	H.264: 30 fps (1280 x 720), JPEG: 30 fps (1280 x 720)	
Bitrate Compression Mode	CBR/VBR (selectable)	
Range of Bitrate Setting	64 Kbps to 8 Mbps	
Solid PTZ	Yes	
Bandwidth Control	JPEG	
Multi Streaming Capability	Triple streaming or better	



<b>TECHNICAL PARAMETER</b>	<b>SPECIFICATION</b>	<b>COMPLIANCE (YES/NO)</b>
Number of Clients	4 or better	
Analytics Architecture	DEPA Advanced technology or similar technology	
Intelligent Motion Detection	Yes	
Face Detection	Yes	
Tamper Alarm	Yes	
Scene Analytics	Passing, Intrusion, Left Object Detection, Removed Object Detection	
<b>Audio</b>		
Compression Format	G.711/G.726/AAC (16 kHz, 48 kHz)	
Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP*, HTTP, DHCP, DNS, NTP, RTP/RTCP, RTSP over TCP, RTSP over HTTP, SMTP, IPv6, HTTPS, SNMP (v1, v2c, v3), SSL	
QoS	DSCP	
Multicast Streaming Support	Yes	
ONVIF Conformance	Profile S	
Authentication	IEEE802.1X	
<b>Interface</b>		
Microphone Input	Built-in microphone	
Line Output	Built-in speaker	
Network Port	10BASE-T/100BASE-TX (RJ-45)	
Card Slots	micro SD	
Confirmed SD Card Type	SDHC	
<b>General</b>		
Power Requirements	IEEE802.3af compliant (PoE system)	
Power Consumption	5.0 W or better	
Operating Temperature	32°F to 122°F (0°C to 60°C)	
Storage Temperature	-4°F to +140°F (-20°C to +70°C)	
Weight	Not more than 500 grams	
External Material	PC (polycarbonate)	
Fire Retardant	UL94HB or higher	
Safety Regulations	UL2044, IEC60950-1, GB4943.1, VCCI Class B, FCC Class B, IC Class B, EN55022 (Class B) + EN50130-4, EN55022 (Class B) + EN55024, EN60950-1, AS/NZS CISPR22 (Class B), RCM, EMC-TR (CU-TR), MSIP	
Supplied Accessories	Camera stand Screws	
Warranty	Installation manual Three years comprehensive onsite warranty	

**Specifications for RECORDING & VIDEO MANAGEMENT SOFTWARE:**

The software should support:

- Continuous / scheduled recording with mosaic viewing
- External data storage at defined path / location
- To create ip/name based folders to store data of that respective camera
- Different parameter based event searches
- PTZ control of the camera with industry standard video and audio compressions
- A minimum of 5 Client access should supported with user level authentication
- To generate email as and when an alert occurs
- To export the recorded video files into desired standard file formats
- Application Programming Interface for further customized application development

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