

**GOVERNMENT OF TRIPURA
OFFICE OF THE DIRECTOR GENERAL OF POLICE
TRIPURA :: AGARTALA**

Dated, Agartala the 19th October 2022

NOTICE INVITING QUOTATION

Sealed Quotations are invited by the undersigned on behalf of the Governor of Tripura from the bonafide for supply, installation/Commissioning of CCTV Security & Surveillance System at 08(eight) location of Police Headquarter Complex, Agartala, Tripura.

2. A copy of Details Notice Inviting Quotations and terms & Conditions may be obtained free of cost from the office of the undersigned on or before 1700 hrs on 27-09-2022. The closing date/time of quotations is 1700 hrs on 27-09-2022.

3. Detailed notice inviting quotation may also be seen at following web site.

www.tripurapolice.nic.in


(Sudipta Das, IPS)
Asstt. Inspr. Genl. of Police (HQr)
Tripura.

No. F. SC (82)-PHQ (B)/ 2022/ 10907(5)

Dated 19 / 09 / 2022

NOTICE INVITING QUOTATION

Sealed quotations are invited by the undersigned on behalf of the Governor of Tripura from bonafide authorized dealers / Contractors /Supplies /Manufacture Firms for supply, installation /Commissioning of CCTV Security & Surveillance System at 08(eight) Location of Police Headquarters Complex, Agartala. The details of items and technical specification are enclosed at "Annexure- A & B". The closing time / date of Quotations is 1700 hrs on 27.09.2022.

The Earnest money and all documents like up to date Sales tax clearance, Professional tax clearance and Firms registration Certificate, GST Registration Certificate, PAN Card etc. are to be submitted along with the Quotation.

2. **Bidder shall ensure the quality installation of :-**

- (i) Storage for minimum 07(seven) days along with 24 X 7 recording.
- (ii) The System should facilitate viewing of live and recorded images and Controlling of all the cameras by the authorized users. System should provide interoperability of Hardware, operating system, software, networking, printing, database connectivity, reporting and Communication protocols.

3. **Terms & conditions for validity of the Tenders :-**

- (i) The tender should be accompanied by the documents mentioned at Para-2 of the Tender notice, without which the tender will not be considered.
- (ii) The Earnest money of Rs.1,000/- in the shape of "Deposit at Call" issued by a bank having branches in Agartala in favour of Asstt. Inspr. Genl. of Police (HQr), Agartala, Pin-799001 to be deposited alongwith the Quotations, failing which, Quotations will not be considered to be valid.
- (iii) Rate should be quoted both in words and figurers indication rate of GST / installation charges/ other charges, if any may be indicated separately and only one rate should be quoted for each item otherwise Quotation will not be accepted.
- (iv) Parties shall be selected separately for each item on the basis of the lowest rate and other valid considerations as mentioned in the Notice Inviting Quotations.
- (v) Minimum 02 (one) year OEM warranty comprehensive maintenance including all spare parts support of all hardware, software, equipments, accessories, electrical wiring, software etc.
- (vi) The rates quoted should be F.O.R destination at Store, PHQ, Agartala, Tripura.
- (vii) Supply / installation work should be completed within 10 days from the date of issue of supply / work order.
- (viii) No advance payment will be allowed for supply of above equipments.
- (ix) The firm should have sound in technical support staff for attending to the PHQ within 24 hour after receiving of complaints relating to CCTVs.
- (x) The Firm/ Supplier should not be black listed by any organization. Self declaration should be submitted by the authorized official of the Firm/Supplier.
- (xi) Field trial of the system will be conducted by a Departmental technical committee in the operational area of the PHQ in presence of the Supplier / representative of firms to ascertain the user satisfaction before the items acceptance. Equipment with all required accessories will be provided by the

participating firm's on "No Cost No Commitment" basic at the indenter discretion.

- (xii) Defective or incomplete Quotation in any respect shall not be considered.

4. Procedure for submission of Quotation and Opening of Quotation

- (i) Quotations should be sent by **Registered /Speed Post / Courier** so as to reach the office of the undersigned on or before 27.09.2022 upto 1700 hrs. No Quotation will be accepted by hand. Envelope containing the Quotation should be sealed and super scribed on the top as "**Quotation for supply, installation/Commissioning of CCTV Security & Surveillance System at PHQ due on 27.09.2022**".
- (xiii) The Quotations, which are not valid in all respect and are submitted otherwise than the mode specified above, are liable to be rejected summarily.
- (xiv) The Quotations will be opened on 28.09.2022 at 1200 hrs., if possible, in the office of the undersigned in presence of such parties who may like to remain present.
- (xv) The undersigned reserves the right to reject or accept any Quotation including the lowest one without assigning any reason whatsoever.

5. Responsibility of the successful bidders:-

- (i) The accepted rate shall remain valid at least for 12 months for the date of Quotations. The successful Quotationers shall have to supply the articles for which order of placed is to be made within stipulated period as mentioned in the supply order to PHQ's Store, Agartala, Tripura in good condition. The Quotationers shall take back the rejected articles, if any, at his own cost and replace for the same within the stipulated period as may be indicated by the undersigned.
- (ii) Deposit 5% of the total value of the order placed as "Security deposit" in the shape of "**FIXED DEPOSIT**" a bank having branches in Agartala in favour of Asstt. Inspr. Genl. of Police (HQR), Agartala, Pin-799001 within 7(seven) days from the date of receipt supply order. No interest will be allowed on the Security Deposit. The Security Deposit of the successful bidders will be released only after the Warranty period is over.
- (ii) The Supply shall have to be completed within 10 days from the date of issue of supply order. The undersigned reserves the right to test the equipment by Departmental Technical Committee after supply is received. The decision of the undersigned of the accepted model /specifications and whether extension of delivery period is adequate or not shall be final.
- (iii) 100% payment will be made on bill basis only after receipt of the equipment at destination in good & working conditions and 100% completion of work and accepted by the Survey Committee.
- (xvi) In case of failure to complete the supply of ordered items within the stipulated period, the security deposit of the successful bidder shall be liable to be forfeited and supply order may also be cancelled.
- (xvii) On receiving complaint about equipments, the Firm / Supplier will promptly respond and repair/replace or provide required services within 24 hours, if failed, penalty shall be levied Rs. 500/- per day.
- (v) If the CCTV System is down for more than three working days, then PHQ, Tripura will have the right to forfeit the Security Deposit.
- (vi) The quantities shown in this Quotations are estimated and may increase or decrease at the discretion of the undersigned.

19/9/22
(SUDIPTA DAS, IPS)
Asstt. Inspr. Genl. of Police (HQR.), Tripura.

List of items as required for supply, installation /Commissioning of CCTV Security & Surveillance System at Police Headquarters Complex, Agartala, Tripura.

Sl No	Name of item	Qty. required
1.	Camera	08 Nos.
2.	Network Video Recorder (NVR) (8 Port)	01
3.	4 TB Surveillance Hard Disc	01
4.	Power over Ethernet (PoE) (5 Port Giga)	02
5.	Network Switch (8 Port Giga)	01
6.	Cat6 Cable(Outdoor)	350 Mtrs (approx.)

(Signature)
(SUDIPTA DAS, IPS)
Asstt. Inspr. Genl. of Police (HQr.)
TRIPURA

IP CAMERA

Image Sensor Type	CMOS
Image Sensor Size	0.34 inch
Camera Image Sensing capacity (Picture Mode)	4MP
Resolution	D1 (704 x 480 Pixel), HD (1280 x 720 Pixel), Full HD (1920 x 1080 Pixel), 1080P (1920 x 1080) , D1, Main Stream, 4MP(30fps), 3MP(30fps), Sub Stream, 704x480(30fps)
Day/Night Capable	Yes
IR illumination Range(mtr)	40 or above

CAMERA TYPE

Type of Camera Housing	BULLET CAMERA
IP Camera	Yes

VIDEO

Frame Rate (fps)	25,30
Video Compression	H.264, H.265+, MPEG4
Video Streaming	Dual compressed stream

SECURITY

Multi Level User ID/Password	Yes
IP Address Filtering	Yes
Encrypted Data Transmission	HTTPS (SSL/TSL)

PERFORMANCE

Minimum Illumination for Capturing Color Image	0.01 lux
Electronic Shutter Speed(sec)	1/3 to 1/10000
WDR (Wide Dynamic Range)	120 dB
SNR (Signal to Noise Ratio)	50-60

FEATURES

White Balance (Indoor/Out door/Manual	Yes
ONVIF Support	Yes
Privacy Zones	4

NETWORK AND INTERFACE

Supported Protocols	UDP,SNMP,DHCP,RTP,RSTP,HTTP,SMTP,FTP,HTTPS,DNS,DDNS,RTSP,NTP,UPnP,QoS,TCP/IP,PPPoE,802.1X,IPv4,IPv6,IEEE 802.1x,SSH,RTSP
IP Support	Static,Dynamic
Simultaneous Connections	20

HOUSING

Installation Type	Outdoor
Material of the Housing construction	Alluminium and should be robust
Protection	IP67
Mounting bracket	Wall Mounted

POWER SUPPLY

Power Input	12 V DC,PoE
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5200

WARRANTY / SERVICES

Warranty	2 year
Time for Replacement of Defective Product During Warranty Period	48 hour

ENVIRONMENTAL / CERTIFICATION

Conformity to Dry Heat test at 55 degree C for 16 hours as per IS :9000 latest	Yes
Conformity to Damp heat at 40 degree C - 95% RH (cyclic test): two cycles of 16+8 hours as per IS: 9000 latest	Yes
Conformity to Cold test at -10 / -20 degree C for 4 hours as per IS: 9000 latest, as applicable	Yes
BIS Registration for safety general requirements as per IS 13252 (Part 1):latest	Yes
Certification	FCC,CE,BIS,RoHS,UL

HARD DISK

Specifications

Type	Internal
Form Factor	3.5
Capacity (TB)	4 terabyte
Interface	SATA 6 Gb/s
Workload Rating (TB/year)	180
OS Supported	Linux/ <i>Windows</i>
NVR-Ready	Yes
Cache (MB)	256
Warranty (Years)	2

Handwritten mark

POE

Hardware

Included Power Adapter	Yes
PoE	Yes
Ethernet Port	4
Ethernet Port Speed	10/100/1000 Mbps
Ethernet Port Uplink Speed	10/100/1000 Mbps
Description of Function Slots	Port 1–4: 4 × RJ–45 10/100/1000 Mbps; Port 5: 1 × RJ–45 10/100/1000 Mbps
Power Supply	Built-in power supply: 100–240 VAC; 50/60 Hz; 0.67 A (maximum)

Feature

PoE Protocol	IEEE 802.3af; IEEE 802.3at
PoE Power	Port 1–4 ≤30 W; Total ≤36 W
PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V–)

NVR

System

Main Processor Dual-core embedded processor
Operating System Embedded LINUX

Audio and Video

IP Camera Input 8 Channel support minimum 4MP IP Camera

Display

Interface 1 HDMI, 1 VGA
Resolution HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720
VGA: 1920×1080, 1280×1024, 1280×720
Decoding Capacity 1ch@8MP 30fps, 4ch@1080P 30fps
Multi-screen Display 1/4/8/9
OSD Camera title, Time, Camera lock, Motion detection, Recording

Recording

Compression H.265/265+
Resolution 8MP/6MP/5MP/4MP/3MP/1080P/ 720P/ D1&etc.
Record Rate 80Mbps
Bit Rate 16Kbps ~ 20Mbps Per Channel
Record Mode Manual, Schedule(Regular(Continuous), MD, Stop
Record Interval 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Video Detection and Alarm

Trigger Events Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips
Video Detection Motion Detection, Face Detection : face reorganization, MD Zones: 396 (22 × 18), and Tampering

Playback and Backup

Sync Playback 1/4
Search Mode Time /Date, MD and Exact Search (accurate to second)
Playback Function Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Shuffle, Backup Selection, Digital Zoom
Backup Mode USB Device/Network

Network

Interface 1 RJ-45 port (10/100/1000Mbps)
Network Function HTTP/HTTPS, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS, IP S
DVR, NVS and etc.), Easy4ip

820

Max. User Access 128 users
Smart Phone iPhone, iPad, Android
Interoperability ONVIF 2.4, SDK, CGI

Storage

Internal HDD 1 SATA III Port, up to 6TB capacity for each HDD
HDD Mode Single

Auxiliary Interface

USB 2 ports (1 Rear USB2.0, 1 Front USB2.0)

Electrical

Power Supply Single, DC48V/2A

Certifications

CE EN55032, EN55024, EN50130-4, EN60950-1
FCC Part 15 Subpart B, ANSI C63.4-2014
UL UL60950-1
Warranty 2 years