

**OFFICE OF THE DIVISIONAL MANAGER CTU & DIRECTOR TRANSPORT,
UNION TERRITORY; CHANDIGARH,**

TENDER NOTICE

Sealed tenders are invited in two parts i.e. Technical Bid and Price Bid from the Original Equipment Manufacturer (OEM) of the offered CCTV Cameras OR an Authorized Business Partner/System Integrator of OEM for supply, installation Testing Commissioning of IP HD Fixed Day/Night IR Camera (10 Nos. Detail of sites shown in Annexure-I) as per Technical Specifications mentioned in the terms and conditions for CTU Workshop of Depot No. I, Industrial Area, Phase I, Chandigarh. The Offer/Price Bid form and detailed terms and conditions of the contract can be obtained from the office of the undersigned on any working day between 9.00 AM to 5.00 PM or download from the websites i.e. chdctu.gov.in and <http://chandigarh.gov.in>. The important date and other document is as under:-

1. Date and time of receiving the tender : 31.05.2016 upto 2.00 P.M.
2. Date and time of opening the tender : 31.05.2016 at 3.00 P.M.
3. Earnest Money Deposit (EMD) : Rs. 10,000/- in the shape of Bank Draft from any schedule bank.
4. Date of Pre-Bid meeting : 24.05.2016 at 11.00 a.m. at Director Transport's office, Plot No. 701, Industrial Area, Phase I, Chandigarh.

The undersigned reserves every right to (a) cancel / withdraw / amend the advertisement or extend the due date at his sole discretion or (b) accept or reject any tender without assigning any reason.

Sd/-
Divisional Manager CTU &
Director Transport,
U.T., Chandigarh.

**TERMS AND CONDITIONS FOR THE SUPPLY, INSTALLATION, TESTING
COMMISSIONING OF IP HD FIXED DAY/NIGHT IR CAMERA FOR CTU WORKSHOP
OF DEPOT NO. I, INDUSTRIAL AREA, PHASE I, CHANDIGARH.**

1. (i) Tenderers are required to quote their rates for complete job (Supply, Installation, Testing Commissioning of IP HD fixed day/night IR Camera) along with Annual Maintenance Contract (AMC) for a period of three years excluding all taxes. The taxes shall be as applicable from time to time.

(ii) The prospective bidders shall quote the rates as per the detail of technical requirement (Bill of Quantity) and Bid Evaluation Criteria (BEC) 1 given in tender documents and AMC of three years after guarantee/ warranty of two years.

(iii) The lowest bidder shall be decided on the basis of total cost (Excluding Taxes).
2. The offer of tender will be valid for a period of 90 days from the date of opening of tender (technical bid). Withdrawal of offer of finalized firm during this period will result into forfeiture of earnest money.
3. **Payment Schedule shall be as under:-**
 - (i) After satisfactory installation of the : 80%
of all the Camera at the earmarked
point.
 - (ii) After successful functioning of the : 20%
Project in the CTU premises and report
of the General Manager of the depot.
4. The successful bidder (firms/Companies) is liable to install the Camera alongwith its allied equipments (Complete job) within one month from the date of issue of rate acceptance letter. In case, the successful bidder backs out, the Earnest Money Deposit shall be forfeited and the bidder shall be black listed for any future contract as per Chandigarh Administration, Finance Department Notification No. 1927-F&PO(3)-2009/1170 dated 27.2.2009.
5. The work shall start immediately from the date of issuance of work order. Installation/Successful implementation to be done within one month of placing the work order failing which penalty of 1% of the total contract value per week will be imposed.
6. The successful bidder will give training to operate the system to the CTU employees without any additional cost.

7. DETAIL/LOCATION OF CCTV CAMERA TO BE INSTALLED:

<u>Location for installation the Camera</u>	<u>No. of Cameras</u>
i) Stores of Depot No. I Workshop	04 Nos.
ii) Duty Section of Depot No.I	01 No.
iii) Box Brach, Depot No.I & II	02 Nos.
iv) Main Gate of Depot No. 1 Workshop	01 No.
v) Workshop Area	02 Nos.
Total :	<u>10 Nos.</u>

Note: The locations as mentioned above can be changed as per actual requirement of the department.

8. Performance Security:

The successful bidder will have to deposit performance security @ 5% of the total cost of the Project i.e. CCTV Cameras and other allied equipments for CTU Workshop of Depot No. I in the form of Fixed Deposited Receipt (FDR) from a commercial bank or a Bank Guarantee in favour of "Director Transport U.T., Chandigarh" which should be valid for a period of 63 months from the date of supply order and will have to be deposited within 15 days from the date of issue of the Letter of Acceptance/Supply Order.

9. WARRANTY

Warranty of the CCTV Cameras alongwith its allied equipments should be two years from the date of installation of Cameras.

10. The successful bidder (firms/Companies) is liable to maintain the Project in functioning condition every time and attend the call of the department immediately for any type of repair/defect during guarantee/warranty period immediately without charges any amount in this regard. In case of failure to do so, a penalty of Rs. 250/- per day shall be imposed upto 24 hours. After the expiry of period of 24 hours, a penalty of Rs.500/- per day shall be imposed.

11. **Arbitrator:** In case of a dispute arising between the parties with regard to interpretation of these terms and Agreement or their fulfilment, the dispute shall be referred to the Secretary Transport, Chandigarh for arbitration, who will be sole Arbitrator and whose decision shall be final and binding on both the parties.

The CTU and the supplier or his nominee both agree to accept the Sole Arbitrator. Further no party shall have the right to go to the court of law for any dispute under this agreement for their fulfilment unless the dispute is first referred to the Sole Arbitrator specified under the Agreement.

12. **Jurisdiction:** Any dispute or difference or claim etc, shall be subject to the exclusive jurisdiction of the courts situated at Chandigarh only. No other court shall have the jurisdiction to entertain or try any matter concerning this supply tender.

13. Any conditional terms and conditions mentioned by the firm in their covering letter or in the tender documents will not be considered.

UNDERTAKING BY THE BIDDER ON THE STAMP PAPERS OF RS.15/-.

1. I, Shri _____ S/o Shri _____ working as _____ of the firm namely M/s. _____ are duly authorized to apply for this Tender.
2. I, the undersigned, have read and understood the above detailed terms and conditions (Clause 1 to 13), Tender Notice, Technical requirement, Bid Evaluation Criteria (BEC) 1 and undertake to abide by them.
3. I under that the I/my firm/company has not been blacklisted by the Department of Govt. of India or any State Govt. or any Union Territory or any Public undertaking.

Signature of the Tenderer

Name of the Tenderer _____

Address _____

Tel No. _____

Email I.D. _____

PAN/TAN No. _____

BILL OF QUANTITY

5

--TECHNICAL REQUIREMENT

	Qty	Rate	Amount
<p>A) TECHNICAL SPECIFICATION PARAMETERS:- The service and materials to be offered by the bidder must confirm to the following technical specification parameters.</p> <p>A.1 Supply Installing Testing Commissioning of IP HD Fixed Day/Night IR Camera:- The camera should have minimum following specification or higher</p> <p>(a) Sensor 1/3" CMOS</p> <p>(b) Resolution 3.0 MP (2304 x 1296), 1080 P (1920 x 1080), 720 (1280 x 720)</p> <p>(c) Min. Sensitivity Day: 0.03 LUX Night 0.0 Lux with IR ON</p> <p>(d) Wide Dynamic Range On/Off</p> <p>(e) Day/ Night vision True Day/Night with mechanical IR cut filter</p> <p>(f) Video Resolution 3MP (2304 x 1296) 1080p (1920 x 1080) SXGA (1280 x 960) 720p (1280 x 720) SVGA(800 x 600) D1 (720 x 480) 4CIF (704 x 480) VGA (640 x 480) CIF (352 x 240)</p> <p>(g) Lens option 2.8mm to 12mm</p> <p>(h) Video compression H. 265/M Jpeg</p> <p>(i) Video Analytics Motion detection</p> <p>(j) Binary Input/Output 1 Input, 1 Output</p> <p>(k) Network Interface 1Pv4, HTTP, HTTPS, TCP, RTSP/RTCP/RTP, ICMP, UDP, IGMP, DNS, DHCP, ARP, NTP, SMTP</p> <p>(l) Time Embedded real-time clock, NTP client</p> <p>(m) Resolution Should be 3.0 Megapixel or better</p>	10 No.		

	Qty	Rate	Amount
(n) SD Storage Micro SDHC 32 GB support (o) Operating Temp Between- 10 ₀ to + 50 ₀ C (p) S/N Ratio 50db or better (q) Frame rate 3 MP (1-20 fps), 1080p (1-25/30 fps) or better (r) Certification UL/CE/FCC MAKE:- HONEYWELL/BOSCH/PANASONIC			
(a) IR distance Minimum 30.0 mtr (b) Ingress protection IP 66 (c) Mobile App Support Android phone/i-Pad and Table, i-Phone			
A.2 Supply Installing Testing Commissioning of Network Video Recorder (NVR): The NVR should have following specification or higher:-	1 No.		
(a) Minimum Channel 16 Channel with full HD network camera support			
(b) Recording Real time video recording on simultaneous HDMI and VGA at 1920 x 1080 resolution upto 16 network camera.			
(c) Internal Storage Capacity 4 SATA ports			
(d) USB Interface USB 3.0/ High speed 2.0			
(e) Backup USB storage device, network download			
(f) PTZ Control PTZ Control using mouse & GUI/RS-485			
(g) Video Network H.265/ MPEG-4 or better			
(h) Networking RJ-45 upto two 10/100/1000 Mbps Ethernet interfaces			
(i) Network Protocol HTTP/ HTTPS, TCP/IP, UDP, DHCP, DNS, PPOE, DDNS, SMTP, NTP, NFS			
(j) Search Date, Time, Event, Log			
(k) Play Forward, Backward, adjustable playback speed			
(l) Total Management Group add/delete/edit, Group management, Automatic backup by schedule, Multiple camera search at the same time			
(m) Multi-screen Layout 1/4/9/16 and auto sequence.			
(n) Monitor Output Digital zooming in line view mode			
(o) RAID support VGA/HDMI live monitoring built in web server			
(o) RAID support Hardware RAID 0,1,5			

	Qty	Rate	Amount
<p>(p) Record Mode Manual, schedule, motion detection trigger. Remote access of device running status, system log and alarm status, integration with all other IP video devices compatible with ONVIF, PSIA standards or RTSP protocol</p> <p>(q) Backup Device HDD, DVR R/W, ZIP</p> <p>(r) Video Analytics Object counting/People counting/ Face detection etc.</p> <p>(s) Software Remote monitoring software</p> <p>(t) Integration solution Android smart phones/iPhone/iPod/iPad</p>			
<p>A.3 Surveillance HDD – 4TB MAKE – SEAGATE/TOSHIBA/WD</p>	02 No.		
<p>A.4 24 Port Network gigabyte switch with PoE 24G switch 24 10/100/1000 ports 4 SFP ports, L2/L3 Static routes, ACL, 802.1X N/w login, IPV6 including all petty items.</p>	01 No.		
<p>MAKE : D-LINK/NETGEAR</p> <p>A.5 Online UPS Power supply 1 KVA with external Battery with 4 nos. 12V-26 AH or 2/3 batteries of higher capacity to give minimum 2 Hrs backup for entire load MAKE: Microtek/APC</p>	01 No.		
<p>A.6 6U Network Rack for NVR, Camera power supply board minimum 5 sockets and all accessories etc.</p>	01 No.		
<p>A.7 Armoured CAT 6 Cable with RJ 45 Socket – 300 Mtrs (Payment will be made on pro-rate basis as per Actual Workdone). MAKE: Dlink/ Netgear</p>	300 mtr	per mtr	
<p>A.9 HDP FR unbreakable PVC conduit, 1 inch, ISI Mark – 200 Mtrs withall related accessories (Payment will be made on pro-rate basis as per Actual Workdone). MAKE : DIPLAST/POLYPOLAST Heavy Duty</p>	200 mtr	per mtr	

	Qty	Rate	Amount
B Services and other Miscellaneous Work			
B.1 Installation & Commissioning of CCTV system – 01 Job	1 job		
B.2 Testing, Training & Onsite maintenance for two year – 01 Job	1 job		
B.3 Comprehensive AMC of complete CCTV system for 3 years after 02 years warranty period.	1 job		
TOTAL			

Note: This quantity is tentative in nature and payment would be made as per actual work. If any item not included in NIT/BOQ, but required for commissioning of turnkey project is also considered as included. Digging etc. If required should be done by bidder and it is included in scope of work. The cost of the same should be included in the installation and commissioning. Bidder must survey the site before quoting against the tender.

BID EVALUATION CRITERIA (BEC) 1

Bidder shall be the original equipment manufacturer (OEM) of the offered CCTV Cameras OR an Authorized Business Partner/System Integrator of OEM (of the offered CCTV Cameras) and should have adequate facilities for providing warranty support services.

A In case the bidder is an Authorized Business Partner/ System Integrator of OEM: A letter of authorization from the original equipment manufacturer (OEM) should be submitted for confirming the partnership/dealership. In case a copy of the letter is submitted, then it should be duly certified/ attested by notary public with legible stamp.

B In case the bidder is an OEM: A duly notarized copy of certificate of manufacturing license / ISO Certificate / NSIC / Excise registration certificate or any other document from Government agency evidencing that the bidder is the manufacturer of the offered CCTV Cameras needs to be submitted. This document should also be duly certified / attested by notary public with legible stamp.

2A Work Experience: The bidder must have “successful completed/ executed” Purchase/work – order (s) valuing not less than Rs. 5,00,000/- (Rupees Five Lac only) of “Supply & Installation of CCTV Cameras” in the preceding ‘Three [03] years’.

In this regard, the bidder shall submit duly notarized copies of documentary evidence in the form of:-

- i) Copy of Work Order/Purchase Order
- ii) The completion certificate / client certificate in respect of Work/Purchase order mentioned above.

The Completion Certificate/Client Certificate must clearly indicate the following:-

- a. Full Address of Client, Officer issuing certificate.
- b. Reference to relevant work order/PO.
- c. Date of completion. Running contracts will not be considered. The cut-off date for meeting the Technical Criteria of BEC of the tender shall be the due date for submission of bids. Bidder shall furnish copies of all necessary documents duly certified/ attested by notary public with legible stamp. In absence of requisite documents Chandigarh Transport Undertaking reserves the right to reject the Bid without making any reference to bidders.