



WALCHAND COLLEGE OF ENGINEERING, SANGLI
(Government-Aided Autonomous Institute)

TENDER DOCUMENT

Walchand Informatics Center (WIC)



Tender For

Supply, Installation, Testing & Commissioning of

IP based CCTV Surveillance System &

Integration with existing Surveillance

System at WCE College Campus

Tender is available on website -

<https://organizations.maharashtra.nextprocure.in>



Bid Details

Bid Details		
1.	Date of releasing tender	11 th Oct 2021
2.	Pre-Bid Meeting	18 th Oct 2021 at 3:30 pm
3.	Last date and time for submission of Bid Documents	23 rd Oct 2021 up to 6:00 pm
4.	Date and Time of opening of Technical Bid Documents	25 th Oct 2021 at 11:00 am
5.	Date and Time of opening of commercial Bid Documents	27 th Oct 2021 at 3:30 pm



INVITATION FOR TENDERS

Ref No: WIC/CCTV /OCT/2021/

Date: 11/10/2021

To _____

SUB: Invitation of Tender for supply of equipment/material through E- procurement portal

Dear Sir,

You are invited to submit your most competitive bid subject to the terms and conditions as enclosed herewith. Tender form is available on the website “<https://organizations.maharashtra.nextprocure.in>” for the submission. To participate, bidders need to register themselves on the portal and generate user ID and Password. For any queries registered bidders may write to wic@walchandsangli.ac.in

The cost of tender form (Rs 500/-) and EMD (at 3% of the total offered cost of the items) is to be paid in the form of separate DD drawn at nationalized bank in the favor of “Director, Walchand College of Engineering, Sangli”. A photocopy of the DDs needs to be uploaded on the portal along with the offer. The DDs should be sent to the college office clearly stating “DD towards cost and EMD for the tender ----” so as to reach on before **23rd Oct 2021**. The bidders may pay the amount through NEFT on Bank of India (Vishrambag Branch); Current account 150720100000002; IFSC: BKID0001507 with narration as “amount towards cost and EMD of the tender ----”.

Please note that the last date for E - submission of the Tender is **23rd Oct 2021**. The tenders without DD or NEFT will not be considered. The bidders may write purchase related queries to above mentioned Email ID on or before **17th Oct 2021**. The Pre bid queries will be answered on or before **18th Oct 2021**. The information about pre bid meeting will be published on institute website.

The services are to be provided within our college premises within 30 days from the date of our firm purchase order.

We look forward to receive your most competitive bids.

Yours faithfully,

Director

Walchand College of Engineering
Vishrambag, Sangli.



Item Description

For All Camera: Protocols support : Minimum IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, Network: 1 RJ45 10M/100M Base-TX Ethernet, Video Compression: Ultra265 / MJPEG H.265/H.264/H.264+/H.265+ Backword compatibility, Compatible Integration: ONVIF (Profile S, Profile G, Profile T), API, ISAPI, SDK, Protection :IP67				
Sr.No	Particulars	Quantity	Basic Rate/Unit	Total Amt. Inclusive of all taxes.
1	2 MP IR Fixed Dome Network Camera: Sensor: 1/2.8" Progressive Scan CMOS, Shutter: Auto/Manual, 1 ~ 1/100000s, Lens: 2.8mm or higher, Aperture1.4 or higher, IR Range: 30m or higher, Image Settings: Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser,	25		
2	2 MP IR Bullet Network Camera: Sensor: 1/2.7", 2.0 megapixel, progressive scan, CMOS, Shutter: Auto/Manual, 1 ~ 1/100000s, Lens: 4.0mm or higher, IR Range:60m or higher,	60		
3	ANPR Camera - 2MP AF Camera: Sensor: 1/1.8" progressive scan CMOS, Shutter: Auto/Manual, 1 ~ 1/100000s, IR Range: Above 50 m, with required software	1		
4	4 MP ColorVu Fixed Bullet Network Camera: Image Sensor: 1/1.8" Progressive Scan CMOS, Min. Illumination: 0.0014 @ F1.0 (1/30 s, AGC ON), 0.002 @ F1.2 (1/30 s, AGC ON), 0 Lux with LED on, Shutter Speed: 1/3 s to 1/100,000 s,24 hrs colorful video	8		
5	NVR - 64 Channel: IP Video input: 64-ch Up to 12 MP resolution, Two-way audio: 1 Channel, Incoming Bandwidth: 320mbps, Outgoing Bandwidth: 256 Mbps, 320mbps, Recording Resolution: 12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/ 720P/D1/2CIF/CIF, Audio out: 1 Channel or 2 Channel, Format: Ultra 265, H.265, H.264, MPEG4, SATA: 8 Sata interface, eSATA ,Capacity: 8TB each or above, Alarm in/out: 16/4, Network interface: 2, RJ-45 10/100/1,000 Mbps	2		
6	Storage: Surveillance, Capacity: 8 TB, Interface:Sata 6Gb/s, Recording Technology:CMR, Cache:256MB,Working: 24*7	6		
7	PTZ Camera - 2MP: Sensor: 1/2.8" Progressive Scan CMOS, Lens: 4.8 mm to 120 mm, 25x or higher Optical, Shutter: Auto/Manual; shutter time: 1~ 1/100000s, Pan Range: 360°, Tilt Range: -15° ~ 90° (auto reverse), Pan Speed: from 0.1° to 120°/s or more, Tilt Speed: 0.1° ~ 200°/s, Patrol: 8 patrols	2		
8	Display - 55" 4K, Smart, Commercial TV: Screen Size: 55", Panel Type: 60Hz E-LED BLU, Resolution: 3840 x 2160,IPS Display	4		
9	8 port - Smart POE switch: Interface: 8 10/100/1000Mbps RJ45 Ports 2 1000Mbps SFP Slots (Auto-Negotiation/Auto MDI/MDIX), POE Ports: • Standard: 802.3af/at compliant • PoE Ports: 8 Ports• Power Supply: 61 W*, Bandwidth/Backplane: 20 Gbps, L2 & L2+ features: Support IPv4/ IPv6 Interface, 32 IPv4/IPv6 Static Routes, DHCP Interface Relay, DHCP VLAN Relay STP Security: TC Protect, BPDU Filter/Protect, Root Protect, Loopback Detection 802.3x Flow Control, Port Mirroring, CPU Mirroring, Management: Web-based GUI, SNMP, Cable Diagnostics, • Dual Image, Dual Configuration, VLAN: VLAN Group, Protocol VLAN, MAC VLAN	18		



10	<p>Video Management Software: Support client applications including Web client, thin or full client via a Windows-based PC and mobile client. There is no licensable client software or client software connection licenses required. Up to 100 simultaneous Client Devices shall be able to connect. Software shall provide Open API for the connection between third-party platform and VMS Software. The third-party platform can implement the core functionalities of VMS Software via Open API, such as video, alarm, resources, Live view, Playback etc.</p> <p>Software Shall set database backup of Complete system, including configured data, configured pictures, received events, received alarms and server logs and Shall set the frequency of backup as daily, weekly or monthly. Shall restore the configured data in case of server Failure/crash.</p> <p>Software shall provide access capabilities based on standard ONVIF protocol for the third party devices.</p> <p>Software to support min 4 ANPR cameras</p> <p>Support: Live view, Playback, Comprehensive search, Alarm Management, , Maintenance management,</p>	1		
11	<p>POLE: Providing & erecting 3.5 m clear height galvanized octagonal pole with foundation bolts to be erected in cement foundation with L Shape CCTV Bracket and Fitting.</p>	6		
12	<p>Trench: Excavating trenches of a depth of 2.5 Ft and back filling the excavated trenches after laying the HDPE pipe .</p>	2300m		
13	<p>Fiber: Legrand / D-link or equivalent, 6 Core Single Mode Fiber Optic Cable 9/125 nm single mode installations (OS1)</p>	2300m		
14	<p>2U Rack: Front Door with Toughened Glass quality, Adjustable Mounting rails - Front and Back,1 Fan Mounting provision, Top and bottom cable entry provides Optimal flexibility for cable management, Easy wall mount provision Easy Installation - Standing / Wall Mounting option, Compatible with 19" International standards</p>	18		
15	<p>500 VA UPS: Configurable Power : 325 Watts / 500VA, Output Voltage Distortion: Less than 5 %, Output Frequency: 47 - 53 , Control panel: LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators, Audible Alarm: Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm,Backup:30min</p>	10		
16	<p>Labor charges:</p> <p>1.Relocation /integration of existing 120 camera with 2 NVR with proposed system</p> <p>2. Installation, configuration and integration of 14 camera (2MP IP Hikvision)</p>			
Total Cost				

Essential features

Sr.No	Features Required in System
1	ANPR - Automatic Number Plate Capture:record number along with image, search number based on partial number, date etc,integrate with boom barrier
2	Video storage for 30 Days required
3	Integration of existing CCTV system with the proposed system with NVR at Data Center
4	All License should be one time
5	Total amount should include Installation , configuration and training
6	Warranty and Support 3 years
7	Estimated cost of Project: 20,70,000/-



Eligibility Criteria

The Applicants / Bidder shall fulfil all of the following eligibility criteria independently, as on the date of Submission of the bid.

Sr. No.	Criteria
1.	The Applicants / Bidder may be a Proprietary firm /Partnership firm / Limited Company / Corporate body legally constituted / authorized dealer and should be registered with the PWD authority
2.	The Applicants / Bidder should have experience in Services to Government Departments, Public Sector Companies, Banks and Government Autonomous organizations/Institutions.
3.	There should be no case pending with the police case against the Proprietor/Firm/Partner or the Company as a whole (Applicants / Bidder) shall not have been blacklisted by any Government Departments, Public Sector Companies, Banks and Government Autonomous organizations.
4.	The Applicants / Bidder should be registered with Income Tax and GST Tax departments.
5	The vendor should visit the institute campus and complete the survey before making a bid. The declaration to the effect and proposed solution documents must be submitted alongwith technical documents.

TERMS AND CONDITIONS

Please note following terms and conditions before filling the tender form and return this sheet duly signed along with the company's seal.

1. Essential additional Services to be included are installation, training on college sites including supplying documentation, Software Media /Software with media. (Licensed Version), manual for the usage, maintenance etc. Equipment for its malfunctioning, if any, must be replaced / repaired to satisfactory working condition within 15 days after official communication during warranty period.
2. For any proprietary items, attach a certificate from the manufacturer that the product is proprietary and also attach the valid certificate of authorized dealer/distributor/channel partner saying the product is proprietary.
3. Local/ service support for three years must be provided by the party/manufacturer. By default warranty/bank guarantee for 3 years will be applicable for all items mentioned in tender.
4. Usual payment terms: 80% against successful installation, testing, training, tagging, satisfactory certification from concerned department and 20% after submission of Bank guarantee for three years for 10% of the total purchase order.
5. The TENDER is not transferable and the cost of the TENDER document be paid for Rs.500/- to be paid Online. (This amount is non-refundable). The scan copy receipt for Rs.500/- for cost of tender form and EMD must be uploaded. Both (tender cost and EMD) should be drawn from a nationalized bank favoring "**The Director, Walchand College of Engineering, Sangli.**" Payable at Sangli.
6. **Earnest Money Deposit (EMD) is to be calculated at 3% of the offered total price of the items for a department.** Tender submissions, without EMD will not be considered.
7. **If tenderer has SSI registration for specific supply of the equipment/ material, the tenderer will be exempted from paying E.M.D. The valid proof of SSI registration documents, for this purpose, along with a list of satisfied customers having received similar equipment/ Material must be uploaded. If an SSI registered agency is found to be the lowest, the agency has to accept a purchase order (PO) and meet with scope of the PO to the satisfaction of college authority.**



8. **If the bidder fails to meet the scope of the tender, the college keeps right to convey the same to the appropriate agency to take suitable legal action and even blacklisting the agency for all the future dealings with the college.**
9. The right to reject or accept any or all offers with or without modifications from any or all parties without assigning any reason is reserved with the “Director, Walchand College of Engineering, Sangli”.
10. **Rates quoted should be in Indian rupees and should be valid for “Two Months” at least.**
11. The supply of materials should be done preferably within two weeks and not later than four weeks under any circumstances after the date of purchase order.
12. Legal matters will be restricted to “Sangli jurisdiction”.
13. Quantity mentioned in the tender for the item may vary.
14. Enough supporting documents, for example, photograph of the equipment, specifications of the items, deviation from tender spec if any, customer list, Authorization letter, GST number etc. must be submitted along with the TENDER.
15. Detailed Time Table for the various activities to be performed in e-tendering process by the tenderer for quoting the offer is given in this Tender Document under Tender Schedule on the E portal. Bidder should carefully note the cut-off dates for carrying out each e-tendering process / activity.
16. Every effort is being made to keep the website up to date and running smoothly 24 x 7 by the Walchand College of Engineering Sangli. However, Walchand College of Engineering takes no responsibility and will not be liable for the website being temporarily unavailable due to any technical issue at any point of time.
17. Walchand College of Engineering, Sangli will not be liable or responsible for any damages or expenses arising from any difficulty, error, imperfection or inaccuracy with this website. It includes all associated services, or due to such unavailability of the website or any part thereof or any contents or any associated services.
18. Tenderers must register, pay the necessary fees, and follow the time table of the e-tendering process and get their activities of e-tendering processes done well in advance so as to avoid any inconvenience due to unforeseen technical problems.
19. Walchand College of Engineering Sangli Will not be responsible for any incomplete activity of e-Tendering process of the tenderer due to technical error / failure of the website and it cannot be challenged by way of appeal, arbitration and in the Court of Law.
20. The bidder has to submit an undertaking for terms and conditions, if selected for placing the order (Undertaking form will be provided after shortlisting).

Declaration:

I / We have read the above instructions carefully, and I /we abide by the instructions.

Stamp and Name of the Bidder

Date: