



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY: BURLA

P.O: Engineering College Burla (Siddhi Vihar), Dist: Sambalpur

Odisha-768018, India

E-mail: registrar@vssut.ac.in, Phone:(0663)2430573, Fax: (0663)2430592

No. VSSUT/CCF/623

Date: 17/04/2026

TENDER CALL NOTICE

TENDER FOR PROCUREMENT & COMMISSIONING OF IP BASED VIDEO SURVEILLANCE SYSTEM (CCTV) AT VSSUT, BURLA

Veer Surendra Sai University of Technology (VSSUT), Burla invites sealed bids for the **Supply, Installation, Testing, and Commissioning of an IP-based Video Surveillance System (CCTV)** for classrooms, corridors, staircases, the E-Learning Center, and all open areas including internal roads within the University campus. The selection will be carried out through the **Quality and Cost Based Selection (QCBS)** method, which includes submission of **Earnest Money Deposit (EMD), Technical Bid, and Financial Bid**, as detailed in the Tender Document. Bids, duly completed in all respects as per the instructions provided in the Tender Document and addressed to **The Registrar, VSSUT, Burla – 768018**, must reach the University **on or before 18th May 2026 by 1:00 PM**.

Opening of Technical Bids: 20th May 2026 at 09:00 AM

Opening of Financial Bids: 25th May 2026 at 09:00 AM

Tender documents can be downloaded from the University website: www.vssut.ac.in

Registrar

Memo No.VSSUT/CCF/624

Date: 17/04/2026

Copy to:

1. The Director, Department of I & PR, Govt. of Odisha, Bhubaneswar with request to publish the above advertisement in one issue of the all-Odisha daily edition of "THE SAMAJ" and English daily "THE TIMES OF INDIA" using minimum space at the I & PR approved/ lowest rate. The bill may be sent in triplicate along with a copy of the paper in which the publication is made
2. University Notice Board.
3. Dean (Faculty & Planning) with a request to display the advertisement on the University website.
4. The Comptroller of Finance, VSSUT, Burla for Information.
5. PA to Vice Chancellor for kind information of Hon'ble Vice-Chancellor.

Registrar



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY (VSSUT), BURLA -
768018, ODISHA, INDIA

TENDER CALL NOTICE

Tender Notice No.:

Date:

Subject: TENDER FOR PROCUREMENT & COMMISSIONING OF IP BASED VIDEO SURVEILLANCE SYSTEM (CCTV) AT VSSUT, BURLA

Veer Surendra Sai University of Technology (VSSUT), Burla invites sealed bids for the **Supply, Installation, Testing, and Commissioning of an IP-based Video Surveillance System (CCTV)**. The system will cover classrooms, corridors, staircases, the E-Learning Center, and all open areas including internal roads within the University campus. The selection process will follow the **Quality and Cost Based Selection (QCBS)** method, which includes submission of **Earnest Money Deposit (EMD), Technical Bid, and Financial Bid** as specified in the detailed Tender Document.

The bids, duly filled in as per the instructions provided in the Tender Document and addressed to **The Registrar, VSSUT, Burla – 768018**, must reach the University on or before **on or before 18th May 2026 by 1:00 PM**.

Tender Documents may be downloaded from our University website at www.vssut.ac.in

EMD: ₹ 40,000/-

Tender cost fee: ₹ 500/- (Non-refundable)

Last Date and Time for receipt of bid: 18th May 2026 by 1:00 PM

Date and Time of opening of the Technical bid: 20th May 2026 at 09:00 AM

Date and Time of opening of the Financial bid: 25th May 2026 at 09:00 AM

For any clarification contact: Registrar, VSSUT, Burla-768018

The bid should be submitted through registered post or speed post only addressing to **“Registrar, VSSUT, Burla, Dist.- Sambalpur, Odisha, PIN-768018”** which should reach within the scheduled date and time.

Registrar

SECTION-1
TECHNICAL PROPOSAL SUBMISSION FORM

Date:

LETTER OF BID

To
The Registrar
VSSUT, Burla- 768018

Ref: Invitation for **Tender Notice No.** _____

Date: _____

We, the undersigned, declare that:

1. We have examined and have no reservations to the Bidding Documents, including addenda issued in accordance with Instructions to Bidders.
2. We offer to execute in conformity with the Bidding Documents for providing security services to VSSUT, Burla.
3. Our bid shall be valid for a period of **90 days** from the date fixed for the bid submission deadline in accordance with the Bidding Documents and it shall remain binding upon us and maybe accepted at any time before expiry of that period.
4. If our bid is accepted, we commit to submit a performance security in accordance with the Bidding Documents.
5. We also declare that Government of Odisha or any other Government body has not declared us ineligible or black listed on charges of engaging in corrupt, fraudulent, collusive or coercive practices or any failure/lapses of serious nature.
6. We also accept all the terms and conditions of this bidding document and undertake to abide by them, including the condition that you are not bound to accept highest ranked bid / lowest bid or any other bid that you may receive.

Yours sincerely,

Authorized Signatory with company seal (Authorized person shall attach a copy of Authorization for signing on behalf of Bidding Company)

Full Name and Designation
(To be printed on Bidder's letterhead)



SECTION-2

INSTRUCTIONS TO THE BIDDER

1. IMPORTANT INSTRUCTIONS

- 1) This Tender Document contains 21 Pages.
- 2) Read the tender documents carefully before filling.
- 3) Sign each page with seal.
- 4) PART 'A' should contain
 - a) Profile, with all relevant signed documents as mentioned in the tender document
 - b) EMD
 - c) Sealed cover with superscription "TENDER FOR TENDER DOCUMENT FOR PROCUREMENT & COMMISSIONING OF IP BASED VIDEO SURVEILLANCE SYSTEM (CCTV) AT VSSUT, BURLA " PART 'A'.
- 5) PART 'B' should contain only Commercial Bid.
- 6) Sealed cover with superscription "COMMERCIAL BID FOR PROCUREMENT & COMMISSIONING OF IP BASED VIDEO SURVEILLANCE SYSTEM (CCTV) AT VSSUT, BURLA" PART 'B'.
- 7) Put PART 'A' and PART 'B' in separate sealed covers and put both the sealed cover in one cover addressed to The Registrar, VSSUT, Burla—768018, Sambalpur, Odisha with superscription on the cover as "TENDER FOR PROCUREMENT & COMMISSIONING OF IP BASED VIDEO SURVEILLANCE SYSTEM (CCTV) AT VSSUT, BURLA", and send it to the mentioned address and it should reach before the last date.
- 8) Tender documents can be downloaded. Completed tender application should be accompanied by Demand Draft for ₹ 500, drawn in favour of "VSSUT, Burla", towards the cost of the Tender Documents. Application without the prescribed fee will not be considered.
- 9) Bids received after the stipulated date and time shall not be entertained. VSSUT shall not be liable for any postal delays what so ever.
- 10) The Technical Bid shall be opened at the scheduled time in the office of the Registrar, VSSUT, Burla, in the presence of those bidder(s) who wish to attend. No separate intimation will be issued in this regard. In case the scheduled date happens to be a holiday or is declared a holiday by the State Government, the bids will be opened on the next working day at the same time and venue.
- 11) VSSUT shall have the right to assess the competencies and capabilities of the bidder by going through the credentials given in the Technical Bid and on the basis of such credentials, VSSUT may reject the candidature of the bidder without assigning any reason. In such case(s) the Financial Bid shall not be opened for that particular bidder. The Financial Bid of only those bidders who qualify in the technical scrutiny shall be opened.
- 12) Prices quoted should be for VSSUT, Burla and should be inclusive of all charges and taxes.
- 13) Delivery and installation should be completed within Eight weeks from the date of the confirmed purchase order.
- 14) The cost of tender form/Earnest Money Deposit (EMD) will be received in the form of Demand Draft in favour of VSSUT, Burla, payable at Burla. The EMD submitted by unsuccessful bidders will be returned after finalization of the tender process.

- 15) The firms who have been exempted from paying EMD has to submit the necessary supporting documents along with the Technical Bid.
- 16) The payment terms are 30 days for 100% payment upon successful installation, commissioning and acceptance of the supplied material. Vendor will be fully responsible for comprehensive technical support free of charge during the warranty period.
- 17) All disputes, differences, claims, or demands arising out of, under, or in connection with this contract shall be referred to a sole arbitrator appointed by the Registrar, VSSUT, Burla. The decision and award of the arbitrator shall be final and binding on both parties. The venue of the arbitration proceedings shall be Sambalpur, Odisha.
- 18) VSSUT reserves the right to accept or reject any or all tender applications without assigning any reason at its sole discretion and the decision of VSSUT will be final and binding on all concerned.
- 19) The quantities indicated in BOQ are tentative and may be increased at the sole discretion of VSSUT and the vendor shall have not right to claim any minimum/definite volume of business.
- 20) Disqualification clause: The bidder shall be disqualified if
- 21) (a) the bidder or any of its constituent(s) has been blacklisted / banned business dealing by any Government Department, Government Agency or Public Sector Undertakings at any time, except in cases where such blacklisting / banning has been withdrawn by competent authority or ceased on the deadline for submission of the bid, for which satisfactory evidence is to be produced.
- 22) (b) any previous contract of the bidder of any of its constituents had been terminated / rescinded for contractor's failure by VSSUT during the period of the last 5 years before the deadline for submission of the bid
- 23) (c) the bidder or any of its constituents has been issued a show cause notice for poor performance / banning / blacklisting or business or order for suspension of business by the competent authority of VSSUT.
- 24) The tender document is non-transferable.
- 25) The tender is based on Quality and Cost Based Selection (QCBS)
- 26) The quality of technical proposals is scored as per criteria announced in the bid. Only those responsive proposals that have achieved 60% score in quality of technical proposal are considered further.
- 27) After opening and scoring, the financial proposals of responsive technically qualified bidders, a final combined score is arrived at by giving predefined weightage for the score of technical proposal and financial proposal. The weightage for the quality of technical proposal is 60% and the weightage for the financial proposal is 40%. The proposal with the highest weighted combined score (quality and cost) shall be selected.

2. SPECIAL CONDITIONS

- 1) Completion Certificate: Work Completion certificate shall be issued only after completion of work in all respect as per the bid document and to the entire satisfaction of VSSUT.
- 2) Training: Upon completion of the installation & commissioning, the Successful Bidder shall provide the hands-on training on the installed equipment to the concerned officials along with the training materials on the equipment installed at VSSUT.



- 3) Warranty Period: All the equipment, active and passive components supplied against this RFP shall have warranty for a period of 3 (Three) years from the date of installation and commissioning.
- 4) Bidders should share all the relevant firmware/OS/Patches etc. as and when they are released by OEM during entire warranty period at no cost to VSSUT.
- 5) Annual Maintenance of the entire system after the warranty will be undertaken as per the terms and conditions of VSSUT.

3. BIDDER ELIGIBILITY CRITERIA

- 1) The bidder must submit an original and valid Authorization Certificate from the OEM, printed on the OEM's official letterhead and duly signed and stamped by the local authorized representative/manager, authorizing the bidder to quote and provide service support for the OEM's products.
- 2) The bidder must submit a compliance sheet of the provided technical specifications and Additional Terms & Conditions (ATC) on the OEM's letterhead, duly signed and stamped by the local authorized representative/manager.
- 3) Bidder should be able to extend technical support in terms of spares, hardware and software for a period of at least 05 years after expiry of warranty period. Bidder should submit a declaration in this respect for compliance.
- 4) Bidder should have experience of having successfully completed similar project during the last 3 years.
- 5) Any Government / Government agency / Banks / Financial Institutions in India should not have blacklisted the Bidder during the last 5 years. Self-declaration to that effect should be submitted along with the technical bid.
- 6) The bidder must possess valid GST/Sales Tax Registration Certificate. (attested copies of all the above certificates should be submitted along with the proposal).
- 7) Bidder must provide necessary supporting documents as proof in respect of the eligibility criteria mentioned above.

4. ADDITIONAL TERMS & CONDITIONS (ATC)

- 1) CCTV Camera OEM should not be blacklisted in India or anywhere globally for security reasons from any organization including ONVIF.
- 2) OEM Should be ONVIF fulltime member and the name of the OEM should reflect in the ONVIF site.
- 3) All cameras must possess STQC certification, in compliance with the guidelines issued by the Government of India.
- 4) The OEM of CCTV Component should have General Data Protection Regulation (GDPR) and Waste Electrical and Electronic Equipment (WEEE) Certification. OEM needs to submit the certificates with technical bid.
- 5) The OEM of Camera & NVR should have its own company registered in India, under Incorporation of Companies Act, 1956/2013 since last 10 years.
- 6) Subsidiary/Consortium shall not be treated as OEM. This must be supported by necessary statutory documents.

- 7) The OEM of cameras should have its direct presence in India (not as a joint venture/partnership firms/ through Dealer, Distributor or through any other association). This has to be supported by necessary statutory documents.
- 8) The OEM of Cameras should have its Service & Repairing Centre in Odisha in its own name. The defects to be attended and rectified within 24 hours after reporting by the VSSUT. Document in support to be submitted with the Technical proposal.
- 9) The OEM must submit a certificate that the proposed model of cameras must not become obsolete /End of Life (EOL) within a period of next 5 years, in case it gets EOL due to technology advancement then OEM will support with equivalent or higher model.
- 10) The OEM should not be technically rejected in any Govt. tender in India for their origin from any land border sharing countries of India and should not be blacklisted or discontinued any Government Organization.
- 11) OEM should have manufacturing in India since last five years and Foreign CCTV OEM should have manufacturing unit globally from last 10 years. Documentary evidence should be submitted.
- 12) OEM should have ISO/IEC 27032:2012 Certificate which provides guidance for improving the state of Cyber security.
- 13) The CCTV OEM should have CMMI Level 5 or above.
- 14) OEM Should be CE, FCC, ROHS, UL Required.
- 15) OEM should have listed with Ministry of Skill Development & Entrepreneurship/National Skill Development Corporation (NSDC) to provide skilled manpower through their SI/Self to cater buyer requirement.
- 16) OEM and Bidder should be available on GeM and their credential verified by Quality Council of India (QCI).

5. SCOPE OF WORK:

I. Delivery of Materials:

Supply of all the items that will meet our requirements as per the List of Deliverables and detail specification. All the items should be supplied by a single vendor and executed as per the scope of work mentioned.

II. Installation and Commissioning:

- The firm should establish the necessary Infrastructure with the proposed list of deliverables on turnkey basis.
- Exact location of mounting the cameras will be intimated after the release of Supply Order.
- All the cameras should be installed properly at desired locations using suitable fixtures and capable to be integrated in the Embedded Network Video Recorder. The licenses of the Cameras should be delivered accordingly. The Camera views should be displayed on the Video Display unit.

Important Terms

- The firm has to present the project execution planning to PIC-CCF, VSSUT after awarding the contract order.
- The firm will be allowed to visit the installation site after getting contract only.
- The firm has to demonstrate the functioning of all components independently and finally demonstrate combined.



- The firm has to complete the installation job as a Turnkey project. All the required accessories, work etc. has to be done by the firm.
- The firm has to execute the above job without damaging Govt. property and has to maintain an aesthetic look. The firm has to follow and obey the security norms while executing the job. Any markable damage caused by the firm intentionally/ unintentionally during the execution of work, will be borne by the firm only. Any difficulty faced while executing the job, may be informed to the user for further action.
- Time frame of completion: The job should be completed within two (02) months from the date of contract.

III. Warranty and Technical Support:

- 03 years On-site compressive warranty of products mentioned in the list of deliverables should be provided.
- The firm shall carry out the corrective maintenance required in case of any break down and bring the system to working condition within 24 hours from the day of call made to the firm.
- In case of any Hardware problem, Repair/Replacement of the modules will carry out to rectify the fault at site by the firm.
- The system should be checked regularly by the firm for smoothening operation which includes Hardware Inspection, System integration verification, Connectivity and functionality check, Software and firmware upgradation etc. whenever required

IV. Training:

Firm has to impart training for 03 working days by the expert trainer. The training includes operations and maintenance of all the system and network, troubleshooting and configuration of the systems. The firm has to provide Testing and Documentation of Whole Project.

6. PREPARATIONS OF BIDS

Technical Bid: The Technical Bid should be prepared in accordance with the instructions provided in the Tender Document. It must include all required information and be accompanied by supporting documents to establish compliance with the eligibility criteria, along with a valid EMD of the requisite amount.

Checklist for Submission (Please indicate the corresponding page number against each item):
The bidder is required to ensure that all documents listed below are enclosed with the Technical Bid. Each document should be properly indexed and the corresponding page number clearly mentioned for ease of reference.

- a) Technical Bid Submission Form duly signed and printed on Company's letterhead (Section 1).
- b) Signed and Stamped on each page of the tender document.
- c) Profile of the bidder, duly filled and signed.
- d) All supporting documents establishing the bidder's eligibility criteria.
- e) All supporting documents establishing the ATC.
- f) Earnest Money Deposit of ₹ 40,000/- (Rupees Forty Thousand only).
- g) **Tender fee of ₹ 500/- (Rupees Five Hundred only)**
- h) Evaluation of Technical Bid Form, duly filled in, signed, and stamped, along with all supporting documents (refer Table 1).
- i) Technical compliance as in Section 3.

- j) Profile of the bidder as in Section 4.
- k) Format for affidavit that the bidder is not blacklisted as in Section 6.
- l) Financial Capacity form – filled in signed and stamped (Section 7)

Financial Bid: Bidder should prepare financial Bid and the details of the same are to be furnished in Price Schedule under Section-5.

7. BID OPENING PROCEDURES

The Technical Bids shall be opened at VSSUT, Burla, on the specified date and time by the Departmental Purchase Committee (DPC), Central Computing Facilities (CCF), VSSUT, in the presence of the bidders or their authorized representatives who may wish to attend.

Only the Financial Bids of those bidders whose Technical Bids are found acceptable shall be opened by the DPC, CCF, VSSUT, on the specified date and time.


Bidders' representatives attending the bid opening must submit a Letter of Authorization prior to the opening of the bids. The absence of any bidder or their representative shall not affect the validity or legality of the bid opening process.

8. TECHNICAL BID EVALUATION

The University shall follow quality and cost-based selection bid evaluation system (QCBS) where both the technical bid and financial bid shall be considered for evaluation after qualifying in the technical bid as per prescribed criteria. For technical bid evaluation, points will be given based on the criteria as listed in Table 1. The technical bid shall have 60% weightage out of 100 marks. Bidders who secure **at least 60% of the total marks** allocated for the Technical Bid (i.e., a minimum of **36 out of 60 marks**), and who **meet all the eligibility criteria**, adhere to the **Additional Terms and Conditions (ATC)**, and **comply with the specified technical requirements**, shall be considered **qualified in the technical evaluation**. Marks assigned to bidders by the committee and approved by competent authority, VSSUT, Burla shall not be questioned by any bidder. The bidders who qualify in the technical evaluation may be present at the time of opening of financial bids. Technical evaluation would be based on the following criteria.

Table 1

S/N	Description	Score	Self-Assessment Score	Mention page number (s) where supporting documents are enclosed	Verified Score by Committee
1	Profile of the bidder & number of years in Business Max Score: 10	2 marks for each year in operation for every year of operation in similar work			
2	No. of similar Works Executed	2 Mark for each work order			



	(Last 5 years) Max Score: 10				
3	No. of cameras supplied in a single order (Last 5 years) Max Score: 20	1 to 30 cameras - 5 marks 31-50 cameras - 7 marks More than 50 cameras - 10 marks			
4	Annual Turnover (Last 5 years) Max Score: 10	50 Lakh - 3 marks Greater than 50 Lakh and less than and equals to 1 crore - 5 marks Greater than 1 crore and less than and equals to 1.5 crore - 7 marks Greater than 1.5 crore and less than and equals to 2 crore - 9 marks Greater than 2 crore - 10 marks			
5	OEM office and service center in Odisha	10 Marks			
	Total Technical Score: 60				

Note: Please ensure that all supporting documents are attached. If the OEM office and service center in Odisha, kindly include a geo-tagged photograph of the location as part of the submission. Technical compliance must be supported by valid documents. All claims made in the Technical Compliance must be substantiated with valid supporting documents. Failure to provide appropriate documentation may lead to disqualification during technical evaluation.

9. CLARIFICATION ON TECHNICAL BID EVALUATION

The technical bids shall be evaluated based on the available documents submitted by the bidder. To assist in the examination, evaluation, and comparison of the bids, and qualification of the bidders. The University may, at its discretion, ask any bidder for a clarification of its bid. Any clarification submitted by a bidder that is not in response to a request by the University shall not be considered. The University's request for clarification and the response shall be in writing.

If a bidder does not provide clarifications of its bid by the date and time set in the University's request for clarification, its bid may be rejected.

University also reserves the right to seek confirmation/clarification from the issuer agency, on the supporting documents submitted by the bidder.

10. FINANCIAL BID OPENING PROCEDURE

The Financial Bids of all qualified Bidders shall be opened on the appointed date and time in presence of the qualified bidders/their authorized representatives, who choose to be present at the time of opening of the financial bids.

Absence of bidders or their authorized representatives shall not impair the legality of the process.

The financial bid shall have 40% weightage out of 100. The lowest qualified bidder shall get highest marks (40/40) and others getting proportionately.

Financial Score of a Bidder = $40 \times (\text{Lowest TOTAL AMOUNT quoted by L1 Bidder}) / (\text{TOTAL AMOUNT quoted by Bidder})$.

Selection will be made based on the highest score. [Technical evaluation (60) + Financial Bid score (40)]

In case more than one bidder gets the same highest score, then the agency with the highest turnover in the last financial year (2024-2025) shall be awarded the contract.

11. LIST OF DELIVERABLE

Sl.No.	Item Details	Qty
1	4MP DOME CAMERA	102 Nos.
2	4MP BULLET CAMERA	55 Nos.
3	64CH. 4 SATA	3 Nos.
4	8 Port PoE Giga Switch	25 Nos.
5	16 Port PoE Giga Switch	3 Nos.
6	POE BOX	25 Nos.
7	24U RACK FOR NVR	1 No.
8	10TB HDD	12 Nos.
9	OFC Cable	1500 Mtrs.
10	RJ45	8 Box
11	UCLIP 25mm	60 Packet
12	CAT 6 CABLE	20 Box
13	Display unit 65INCH/IFP	4 Nos.
14	Display unit FLOOR MOUNT	3 Nos.
15	INSTALLATION	157 Nos.
16	Fiber installation	3000 Mtrs.
17	Media converter	5 Nos.
18	Fiber joint box	60 Nos.
19	Splicing	16 Nos.
20	Junction box	10 Nos.
21	coated cable	2500 Mtrs.
22	Electrical box	25 Nos.
23	Shocket 5amp	25 Nos.

24	Switch 5amp	25 Nos.
25	Casing capping	60 Nos.
26	HDMI to cat 6 converter	2 Nos.
27	cat6 to hdmi	2 Nos.
28	HDMI Cable or other Accessories	1 Nos.
29	Caseing Pipe	4000 Mtrs.

SECTION 3

Technical Compliance

Note: Put in PART 'A'

4MP Dom Camera 30 Mtr IR		
Sr.No	Feature	Specification
1	Image Sensor	1/2.9" 4MP PS CMOS Image Sensor.
2	Effective Pixels	2688(H) × 1520(V)
3	Minimum Illumination	0.03 lux@F2.0 (Color, 30 IRE), 0.003 lux@F2.0 (B/W, 30 IRE), 0 lux (IR on)
4	Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
5	Lens	3.6mm fixed Lens
6	Back Light Compensation	BLC/ HLC/ DWDR
7	IR	IR Range of 30 Mtr.
8	Audio	Built-in Mic
9	Stream Capability	Triple stream
10	Frame Rate.	Main stream: 4MP (2688 × 1520)@1-25/30fps/ (2560 × 1440)@1-25/30 Sub stream 1: 720p (1280 × 720), D1 (704 × 576)@1-25 fps/ (704 × 480)@1-30 fps, VGA(640 × 480)@1-30fps, CIF (352 × 240)@1-30fps/ (352 × 288) @1-25fps Sub stream 2: D1 (704 × 576)@1-25 fps/ (704 × 480)@1-30 fps, VGA (640 × 480)@1-30fps, CIF (352 × 240)@1-30fps/ (352 × 288)@1-25fps
11	Noise Reduction	3D NR
12	Motion detection	OFF/ON (4 areas, rectangular)
13	Human Body Detection	Support the classification and accurate detection of human

14	Protocol	SFTP, IPv6, IPv4, DNS, RTCP, NTP, RTP, HTTP, HTTPS, SNMP V3, TLS Version 1.2, TCP/IP, PPPoE, NFS, UDP, ICMP, SSL, DHCP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast, multicast
15	Ethernet	RJ-45 (10/100 Base-T)
16	Cyber Security	AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, WSSE, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot
17	Certificates	ISO9001, CE, FCC and RoHS, BIS
18	Power Source	12 VDC/ PoE (802.3af)
19	Weatherproof Standard	IP67

4MP Bullet Camera 50 Mtr IR

Sr.No	Feature	Specification
1	Image Sensor	1/3" 4MP Progressive scan CMOS (0.84667cm)
2	Minimum Illumination	0.008 Lux@F1.6
3	Effective Pixels	2688 x 1520
4	Shutter Speed	Auto/Manual 1/3 s-1/100000 s
5	Lens	3.6mm or better
6	S/N Ratio	>56dB
7	Back Light Compensation	BLC / HLC / WDR(120dB)
8	Video Streaming	Main Stream: 2560×1440 (1~25/30fps), 2688 × 1520 (1 fps-20 fps), Sub Stream 1 : 704 × 576 (1 fps-25 fps), Sub Stream 2: 704 × 480 (1 fps-30 fps)
9	Digital Zoom	16x
10	Motion detection	OFF/ON (4 areas, rectangular)
11	IVS	Tripwire; Intrusion

12	Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour, ONVIF (Profile S/Profile G/Profile T);CGI; Milestone; Genetec
13	Ethernet	RJ-45 (10/100Base-T)
14	User/Host	20
15	IR	IR Range of 50 Mtr.
16	Micro SD	Micro SD Card, up to 512GB
17	Power Source	12V DC/PoE (802.3af)
18	Weatherproof Standard	IP67

64 Ch. NVR 4 SATA

Feature	Specification
Processor	Industrial-grade processor
IP Camera Input	64 Channel
Operating System	Embedded LINUX
AI by Camera	Face detection, Face recognition, Video metadata (human, motor vehicles, and non-motor vehicles), Perimeter protection, SMD Plus, Stereo analysis, Crowd distribution, People counting, ANPR, Vehicle density, Heat map
AI by NVR	Face detection, Face recognition, Perimeter protection, SMD Plus
Perimeter Performance AI by NVR	4 Channels, 10 IVS rules for each channel
Video Output	VGA:1920 × 1080, 1280 × 1024, 1280 × 720; HDMI:3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720
Face Detection AI by NVR	2 channels (up to 12 face images/s each channel)
SMD Plus by NVR	8 channels: Secondary filtering for human and motor vehicle, Reducing false alarms caused by leaves, Rain and lighting condition change
Network Bandwidth	AI disabled: 384 Mbps incoming, 384 Mbps recording and 384 Mbps outgoing AI enabled: 200 Mbps incoming, 200 Mbps recording and 200 Mbps outgoing
Resolution	32 MP, 24 MP, 16 MP, 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, 960p, D1, CIF, QCIF
Video Display Split	Main screen: 1/4/8/9/16/25/36/64 Sub screen: 1/4/8/9/16

Audio Input / Output	1 / 2 Channel RCA
Alarm Input / Output	16 / 6 Channels
Disk Interface	4 SATA ports, each disk can contain up to 20 TB.
Interface Ports	3 (1 front USB 2.0 port, 2 rear USB 3.0 ports), 2 HDMI, 2 VGA, 1 RS232, 1 eSATA Port, 1 RS485
Ethernet	2 (10/100/1000 Mbps Ethernet port, RJ-45)
Protocols	HTTP, HTTPS, TCP/IP, IPv4, UDP, NTP, DHCP, DNS, SMTP, UPnP, DDNS, Alarm Server, Multicast, P2P, Auto Registration, iSCSI, ONVIF 23.12(Profile T/ Profile S/ Profile G), CGI, SDK
Power Supply	100-240 VAC, 50-60 Hz

20 Ports Switch with 16 Gigabit PoE Ports & 2 Gigabit Uplink Ports + 2 SFP Ports

Sr.No	Feature	Specification
1	Uplink Ports	2 Uplink Port, 1000Mbps RJ45 ports & 2 Gigabit SFP ports
2	Switching Capacity	40Gbps Full duplex
3	Packet Forwarding Rate	29.76Mpps
4	Ports	20
5	PoE Ports	16, 10/100/1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port
6	Transmission Distance	0-100m/1000Mbps or Port 9-16 Max. 250m/10Mbps via Cat.5e or more under Extend mode
7	MAC Address List	8K
8	PoE Feature	All ports support MDI/MDIX
9	PoE Standard	IEEE802.3af, IEEE802.3at
10	Packet Buffer	3Mb
11	PoE watchdog	Support
12	Network protocol and Standard	IEEE802.3/802.3u/802.3ab/802.3z/802.3x
13	Forwarding Mode	Store-and-forward
14	PoE Power Budget	200W
15	Power Source	Bult-in Power Supply, Input: 110-240V AC,

8 Port PoE Switch 2 Uplink 2 SFP Port

Feature	Specification
Uplink Ports	2 x 1000Mbps RJ45 ports + 2 x 1000Mbps SFP ports
Network Protocol	IEEE802.3i/802.3u/802.3x/802.3af/802.3ab
Switch Capacity	24Gbps Full duplex
Packet Forwarding Rate	1.488Mpps/port
PWR (Power supply Indicator)	Light on: Powering Light off: No Power
PoE Ports	8, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port
Network Ports	12
MAC Address Table	2K
PoE Standard	IEEE802.3af, IEEE802.3at
PoE Feature	All ports support MDI/MDI
PoE watchdog	Support
PoE Power Budget	96W
PoE Feature	All ports support MDI/MDIX
Power Source	Input: 100-240V AC, 50/60Hz, Bult-in Power Supply

CAT6 CABLE INDOOR

Feature	Specification
Conduct Type	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	23 AWG
Insulation	Polyethylene (HDPE)
No. of Pair	4, Each pair Twisted
Pairing	Twisted into Two core
Outer Sheath Material	PVC Sheath
Colour of Sheath	Grey (RAL-7035), Option Available
Approximate OD	5.80mm
Rip Cord	Yes

Cross Filler	HDPE
Sequential Marking	Every Meter
Resistance Unbalance	5% Max
Conductor Resistance of solid cable	93.5Ω/1000 Mtr@20°C Max
Mutual Capacitance	5.6nf/100Mtr. Max
Packing	305 Mtrs
Temperature Rating	-20 to +60°C
Installation Temperature	0 to 50°C
Storage Temperature	-20 to +75°C
NVP	69%
Impedance	100±15% Ω
Tensile	110N
Min Bending Radius	10x Jacket Dia

DISPLAY 65"

Feature	Description
Screen Size (cm)	139
Resolution	Ultra HD 3840 x 2160
Display Type	4K UHD
Refresh Rate	60Hz
HDR	Active HDR
HDR 10 Pro	Yes
HDR Dynamic Tone Mapping	Yes
FILMMAKER MODE™	Yes
Resolution Upscaler	4K Upscaler
ALLM (Auto Low Latency Mode)	Yes
AI Brightness	Yes
Remote Control	Yes (Universal Control, Point, Click, Scroll, Voice)
Speaker System	2.0 Ch Speaker
Audio Output (rms)	20W
Speaker Direction	Down Firing
Wi-Fi (Built-in)	Yes (802.11ac)
Bluetooth	Yes (V 5.0)



TENDER DOCUMENT FOR PROCUREMENT & COMMISSIONING OF IP BASED VIDEO SURVEILLANCE SYSTEM (CCTV) AT VSSUT, BURLA

HDMI Input	1 (Rear) / 2 (Side)
USB Ports	1 (Side)
HDMI Audio Return Channel	eARC (HDMI 2)
RF Input	1 (Rear)
LAN	1 (Rear)
Digital Audio Out (Optical)	1 (Rear)
HDMI Version	HDMI 2.0
Power Supply (Voltage, Hz)	AC 100~240V 50-60Hz
Power Consumption Standby Mode	Under 0.5W

NOTE: IP Camera, Switch, cable and Network Video Recorder should be of same make.

SECTION 4

Note: Put in PART 'A'

PROFILE OF THE BIDDER

PART 'A'

TENDER FOR PROCUREMENT & COMMISSIONING OF IP BASED VIDEO SURVEILLANCE SYSTEM (CCTV) AT VSSUT, BURLA

1. Name of the Firm\Organization :
2. Address :

3. Telephone No. /Mobile No. & Name of the Contact Person :
4. Fax No. :
5. Email ID :
6. Do you have an office at Burla/Sambalpur? If so, Please provide the Address and Telephone No. :
7. Month and Year of establishment :
8. Name of proprietor\partners\directors :
9. No. of years of experience in this field, with References, Certificates :
10. Annual Turnover during the last five years (Enclose copies of Audited Financial Statement) :
2020 – 21 :
2021 – 22 :
2022 – 23 :
2023 – 24 :
2024 – 25 :
11. Whether the firm is an Income Tax Assesse? If so, please give the details of PAN No. and copy of the latest assessment order :
12. Registration No. :
13. Bank Details (Bank Name, No, & Address) (for ECS Payments) :

Authorized Signatory



(Signature of Authorized signatory of Vendor with seal)

SECTION 5


Part-B

FINANCIAL BID

Procurement & commissioning of IP based video surveillance system (CCTV) at VSSUT, Burla

Note: Put in PART 'B'

Sr.No	Specification	QTY	Unit cost	Total cost (Without tax)	Total cost (With tax)
1	4MP DOME CAMERA	102 Nos.			
2	4MP BULLET CAMERA	55 Nos.			
3	64CH. 4 SATA	3 Nos.			
4	8 Port PoE Giga Switch	25 Nos.			
5	16 Port PoE Giga Switch	3 Nos.			
6	POE BOX	25 Nos.			
7	24U RACK FOR NVR	1 No.			
8	10TB HDD	12 Nos.			
9	OFC Cable	1500 Mtrs.			
10	RJ45	8 Box			
11	UCLIP 25mm	60 Packet			
12	CAT 6 CABLE	20 Box			
13	TV 65INCH/IFP	4 Nos.			
14	TV FLOOR MOUNT	3 Nos.			
15	INSTALLATION	157 Nos.			
16	Fiber installation	3000 Mtrs.			
17	Media converter	5 Nos.			
18	Fiber joint box	60 Nos.			
19	Splicing	16 Nos.			
20	Junction box	10 Nos.			
21	coated cable	2500 Mtrs.			
22	Electrical box	25 Nos.			
23	Shocket 5amp	25 Nos.			
24	Switch 5amp	25 Nos.			
25	Casing capping	60 Nos.			
26	HDMI to cat 6 converter	2 Nos.			
27	cat6 to hdmi	2 Nos.			
28	HDMI Cable or other Accessories	1 Nos.			
29	Caseing Pipe	4000 Mtrs.			
	Total				

 Authorized Signatory

SECTION 6

(To be furnished in the technical proposal)

Format for Affidavit certifying that Entity / Promoter(s) /Director(s)/Partners of Entity are not blacklisted (On a Stamp Paper of relevant value)

Affidavit

I, M/s. (the name of the agency with address of the registered office) hereby certify and confirm that we or any of our promoter(s) / Director(s) are not barred by any Department/ Institute/ Organization of, Govt. of Odisha / or any other entity of GoO or blacklisted by any State Government or Central Government / Department / Organization/ Institute in India from participating in Tenders as on the _____ (Date of Signing of this proposal).

We further confirm that we are aware that, our proposal for the captioned Project would be liable for rejection in case any material misrepresentation is made or discovered at any stage of the Bidding Process or thereafter during the agreement period.

Dated thisDay of, 2025

Authorized Signatory/Signature [*In full and initials*]:

Name and Title of Signatory:

(Organization Seal)



TENDER DOCUMENT FOR PROCUREMENT & COMMISSIONING OF IP BASED VIDEO SURVEILLANCE SYSTEM (CCTV) AT VSSUT, BURLA

SECTION 7

FORM FOR FINANCIAL CAPACITY

Description	Financial Years				
	2020-21	2021-22	2022-23	2023-24	2024-25
Annual Turnover					
Net Worth					
Current Asset					
Current Liabilities					
Total Revenue					
Profit before Tax					
Profit after tax					

