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Basic Details

Organisation Chain	Director of Technical Education Department Mumbai||Veermata Jijabai Technological Institute Mumbai
Tender Reference Number	VJTI/STR/IT-Infra/2026/60

Tender ID	2026_DTEDM_1273844_1	**Withdrawal Allowed**	Yes
Tender Type	Open Tender	**Form of contract**	Item Wise
Tender Category	Goods	**No. of Covers**	2
General Technical Evaluation Allowed	No	**ItemWise Technical Evaluation Allowed**	No
Payment Mode	Online	**Is Multi Currency Allowed For BOQ**	No
Is Multi Currency Allowed For Fee	No	**Allow Two Stage Bidding**	No

Payment Instruments

Online Bankers	S.No	Bank Name
	1	SBI Bank

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Tender Document
2	Finance	.xls	BOQ

Tender Fee Details, [Total Fee in ₹ * - 22,920]

Tender Fee in ₹	22,420		
Processing Fee in ₹	500		
Fee Payable To	Nil	**Fee Payable At**	Nil
Tender Fee Exemption Allowed	Yes		

EMD Fee Details

EMD Amount in ₹	1,90,000	**EMD Exemption Allowed**	Yes
EMD Fee Type	fixed	**EMD Percentage**	NA
EMD Payable To	Nil	**EMD Payable At**	Nil

Work /Item(s)

Title	Supply Installation Testing and Commissioning of Swing Barriers Flap Barriers RFID or Contactless Smart Cards Biometric Fingerprint and Face Recognition Access Control System with Centralized Access Management Software and Visitor Management Module
Work Description	Supply Installation Testing and Commissioning of Swing Barriers Flap Barriers RFID or Contactless Smart Cards Biometric Fingerprint and Face Recognition Access Control System with Centralized Access Management Software and Visitor Management Module
Pre Qualification Details	Please refer Tender documents.
Independent External Monitor/Remarks	NA

Tender Value in ₹	NA	**Product Category**	Electronics Equipment	**Sub category**	NA
Contract Type	Tender	**Bid Validity(Days)**	90	**Period Of Work(Days)**	45
Location	VJTI Premises	**Pincode**	400019	**Pre Bid Meeting Place**	Ground Floor CCF1 IT Infrastructure Dept VJTI
Pre Bid Meeting Address	Ground Floor CCF1 IT Infrastructure Dept VJTI VEERMATA JIJABAI TECHNILOGICAL INSTITUTE H R MAHAJANI MARG MATUNGA MUMBAI 400019	**Pre Bid Meeting Date**	06-Feb-2026 04:00 PM	**Bid Opening Place**	Stores and Purchase Section VJTI Mumbai
Should Allow NDA Tender	No	**Allow Preferential Bidder**	No		

Critical Dates

Publish Date	02-Feb-2026 05:00 PM	**Bid Opening Date**	17-Feb-2026 03:00 PM

Document Download / Sale Start Date	02-Feb-2026 05:00 PM	Document Download / Sale End Date	16-Feb-2026 03:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	02-Feb-2026 05:00 PM	Bid Submission End Date	16-Feb-2026 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description		Document Size (in KB)
	1	Tendernotice_1.pdf	Tender Document		14640.10

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_2192724.xls	BOQ	359.00

Tender Inviting Authority

Name	Registrar
Address	VEERMATA JIJABAI TECHNILOGICAL INSTITUTE H R MAHAJANI MARG MATUNGA MUMBAI 400019

Veermata Jijabai Technological Institute

(Autonomous Institute of Govt. of Maharashtra)

H R Mahajani Marg, Matunga, Mumbai – 400019

E-Tender Reference No: - VJTI/IT-Infra/2025/Tender/06

Name Of The Work: - "Supply, Installation, Testing and Commissioning of Swing Barriers, Flap Barriers, RFID/Contactless Smart Cards, Biometric Fingerprint & Face Recognition Access Control System with Centralized Access Management Software and Visitor Management Module at VJTI, Mumbai."

Head of Department
(Associate Dean IT- Infrastructure Department)

Registrar, VJTI

WEBSITES: 1. *https://mahatenders.gov.in/nicgep/app*

2. *www.vjti.ac.in/tenders*

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SECTION – 1

E-TENDER NOTICE

E-Tender Notice

E-Tender Reference No: VJTI/IT-Infra/2025/Tender/06

Subject:

Supply, Installation, Testing and Commissioning of Swing Barriers, Flap Barriers, RFID/Contactless Smart Cards, Biometric Fingerprint & Face Recognition Access Control System with Centralized Access Management Software and Visitor Management Module at VJTI, Mumbai.

1. Tender Documents & E-Tendering Process

i) The detailed tender documents are available for download from the e-tendering website: **https://mahatenders.gov.in**

Bidders are required to download the tender documents, fill in all necessary details, and upload duly signed scanned copies of the documents as per the instructions provided.

E-Tendering Process

- **Step 1:** Download the application form from the NIC portal at **https://mahatenders.gov.in**.
- **Step 2:** Tender documents are available on the same e-Tendering website. The bidder must download the tender form, fill in the online format, and upload the scanned copies of the filled tender application along with all required documents.
- **Step 3:** Bidders must register on the e-tender portal (**https://mahatenders.gov.in**) to participate in the tender process and obtain login credentials.
  For details on registration, digital signature certificate enrollment, and user manuals, please refer to the respective links on the e-tendering website.

2. Name and Location of Work

Work Description	Supply, Installation and Commissioning of Swing Barriers, Flap Barriers, RFID/Contactless Smart Cards, Biometric Fingerprint & Face Recognition Access Control System
Location	Veermata Jijabai Technological Institute (VJTI), H. R. Mahajani Marg, Matunga, Mumbai – 400019

3. Important Dates

Event	Date & Time	Venue/Remarks
Site Survey Period	02 February 2026 to 05 February 2026	VJTI Designated Entry/Exit Gates as Outlined in Section-4.
Pre-Bid Meeting	06 February 2026, 4:00 PM	Ground Floor, CCF-1, IT-Infrastructure Dept., VJTI
Last Date for Bid Submission	As per portal schedule	Online via https://mahatenders.gov.in
Opening of Technical Bids	As per portal schedule	Online via https://mahatenders.gov.in
Opening of Financial Bids	To be notified to technically qualified bidders	Online via https://mahatenders.gov.in

4. Tender Submission System

- The tender will be submitted in a **Two-Packet Bid System**:
  - **Packet 1:** Technical Bid (Prequalification documents, technical details)
  - **Packet 2:** Financial Bid (Bill of Quantities)
- Bidders must submit documents accordingly.
- Technical Bids (Packet 1) will be opened first. Only bidders who qualify technically will have their Financial Bids (Packet 2) opened.

5. Tender Fees & Earnest Money Deposit (EMD)

Item	Amount (₹)	Remarks
Tender Fee	₹ 19,000 + 18% GST = ₹ 22,420	Payable online
EMD	₹ 1,90,000	Payable online. MSME/Udyam certificate holders get ₹25,000 exemption, paying balance ₹1,65,000

6. Right to Reject

The Director, VJTI, reserves the right to accept or reject any or all tenders without assigning any reason whatsoever.

Any changes to the dates or details will be published on the NIC Portal: https://mahatenders.gov.in

7. Contact Information

For any queries or clarifications, interested applicants may contact:

The Office of Associate Dean
Department of IT-Infrastructure
Veermata Jijabai Technological Institute (VJTI)
Ground Floor, CCF-I, H. R. Mahajani Marg, Matunga, Mumbai – 400019
Phone: +91-22-65398124.
Email: *assoc_dean_itinfra@vjti.ac.in*

SECTION – 2

INSTRUCTIONS TO BIDDERS

1. Eligibility Criteria

- Bidders must meet the eligibility criteria outlined in **Section 4** of this tender document.
- Bids not meeting these criteria will be rejected outright.
- **Only technically qualified bidders' financial bids will be opened.**

2. Bid Submission

- Bids shall be submitted **online only** via the portal: https://mahatenders.gov.in
- The tender follows a **two-packet bid system**:
    - **Packet 1 (Technical Bid):** Upload scanned and certified copies of all required documents as listed below.
    - **Packet 2 (Financial Bid):** Complete the financial proposal online; all entries must be digitally signed.
- Bids missing **Tender Fee** or **EMD payment proof** will be rejected.

3. Technical Bid (Packet 1) Requirements

Bidders must upload the following documents:

- Valid Firm Registration Certificates (Provident Fund & ESIC).
- GST Registration Certificate.
- Partnership Deed (if applicable), or Incorporation Certificate along with Memorandum & Articles of Association (MOA/AOA) for companies.
- Income Tax Returns for the last three financial years: 2022-23, 2023-24, and 2024-25.
- Screenshot/proof of Tender Fee payment: ₹ 22,420/-
- Screenshot/proof of Earnest Money Deposit (EMD) payment: ₹ 1,90,000/-
- Site Visit Acknowledgment issued by VJTI (mandatory).
- Contact details and email ID of the bidder must be clearly superscripted on Packet 1 for communication purposes.

Note:
If any document is missing or incomplete, VJTI will notify the bidder via email. The bidder must submit the required documents within **3 working days** of the notification; otherwise, the bid will be rejected.

4. Financial Bid (Packet 2)

- Submit the financial bid online with the **total bid price inclusive of all costs except GST**.
- Only those bidders who are found to be **technically qualified** after evaluation of Packet–1 (Technical Bid) shall have their Financial Bids opened.

5. Bid Validity

- Bids must remain valid for **90 days** from the last date of bid submission, as per GFR 2017 guidelines.
- Bids with shorter validity will be rejected.

6. Site Visit and Pre-Bid Meeting

- Bidders **must conduct a site visit** between **02 February 2026 to 05 February 2026** to familiarize themselves with the site conditions.
- The **Pre-Bid Meeting** is scheduled on **06** February **2026** at **4:00 PM** at Ground Floor, CCF-I, IT-Infrastructure Department, VJTI.
- The **same authorized representative**, experienced in similar projects, must attend both the site visit and the pre-bid meeting.
- Upload the site visit acknowledgment certificate in Packet 1.
- Failure to conduct the site visit will lead to bid rejection.
- Bidders may submit queries during the pre-bid meeting; answers will be posted as corrigenda on the portal.

7. Pricing

- All prices must be quoted in **Indian Rupees (INR)**.
- Prices should be **inclusive of all charges** such as installation, freight, training, commissioning, and any other costs except GST. GST must be quoted separately.
- In case of discrepancy between unit price and total price, the **unit price will prevail**.
- In case of discrepancy between figures and words, the **lower amount will be considered**.

8. Security Deposit

- The successful bidder must submit a **Security Deposit** equal to **5% of the contract value**, valid for **62 months** (contract duration + warranty).
- VJTI reserves the right to **forfeit the security deposit or EMD** in case of non-compliance, breach of contract, or submission of misleading information.

9. Bid Evaluation

- **Technical Evaluation:** Compliance with the technical specifications and eligibility criteria as per Section 4.
- **Financial Evaluation:** Comparison of total evaluated bid prices (inclusive of all charges except GST) of technically qualified bidders.
- The contract will be awarded to the **lowest evaluated bidder** who meets all technical and eligibility requirements.

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10. No Canvassing

- Any attempt by bidders to influence the evaluation or awarding process through canvassing will result in **immediate rejection** of the bid.

SECTION – 3

TERMS AND CONDITION OF CONTRACT

Sr. No.	TERMS & CONDITIONS
1.	Bidders must conduct a site survey between **02 February 2026 to 05 February 2026** and submit recommendations on system architecture in the Technical Bid.
2.	**Scope of Work:** • Supply, install, test, and commission the Access Control System as per Section 4 specifications. • Deliver and maintain all equipment, including necessary licenses registered in the name of VJTI, Matunga, Mumbai. • Ensure seamless integration of all components (e.g., FRTs with barriers and VMS).
3.	**Warranty:** 1. **Duration:** 5 years from the date of successful installation and commissioning. 2. **Scope:** Comprehensive onsite maintenance, including labour, spare parts, system software updates, firmware upgrades, and OS patching for all supplied hardware and peripherals. 3. **Manufacturer's Warranty:** The bidder must ensure the validity of the manufacturer's Comprehensive warranty for all equipment, covering defects in design, materials, or workmanship. **Timeline:** 4. Complete supply, installation, testing, and commissioning within **45** days from the purchase order date. Delays may incur penalties as per the SLA (Section 3.4). **Maintenance:** 5. The bidder must provide routine and breakdown maintenance during the warranty period, resolving issues within 48 hours of a complaint. 6. Complaints must be lodged via authorized VJTI email or portal. Unauthorized requests (e.g., password resets) must be reported as security breaches to VJTI immediately. **Payment Terms:** 7. **Advance Payment:** 20% upon delivery of goods and verification. 8. **Milestone Payment:** 50% upon successful installation and testing. 9. **Final Payment:** 30% within 30 days of commissioning, training, handover, and submission of performance certificate signed by VJTI representatives. 10. **Security Deposit:** 5% as PBG, valid for 62 months. 11. All payments subject to applicable tax deductions and bank guarantee for advance (valid until milestone completion). **Training and Documentation:** 12. Provide 3 days of on-site training for at least 5 VJTI staff members on system operation, management, and troubleshooting within 15 days of commissioning. 13. Supply detailed user manuals, technical documentation, system architecture diagrams, and as-built drawings in hard and soft copies at handover.

4.	**Service Level Agreement (SLA)**

4.1 Response and Resolution Times

- **Response Time**: Bidder must acknowledge and respond to complaints within **4 hours** of lodging.
- **Resolution Time:**
  - Critical issues (e.g., system downtime): within **24 hours**.
  - Non-critical issues: within **48 hours**.

4.2 Uptime Guarantee

- The bidder shall ensure a **minimum uptime of 99.5% per month** for the supplied system.

4.3 Penalties

- **Delay in SITC**: 0.5% of contract value per week of delay, subject to a maximum of 10% of contract value.
- **Uptime Shortfall**: For every 0.1% shortfall below 99.5% monthly uptime, **1% of monthly payable value** shall be deducted.
- **Repeated Failures**: If the same issue occurs **three (3) or more times in a quarter**, VJTI reserves the right to terminate the contract and forfeit the **Performance Bank Guarantee (PBG)**.

4.4 Complaint Logging

- Complaints shall be logged through a **24×7 Support Centre** (email, portal, or telephone).
- All complaint records shall be maintained and reviewed by VJTI during performance audits. |
| 5. | **GST and Taxes:**

- Quote prices exclusive of GST, which must be specified separately.
- Pass on the benefit of Input Tax Credit or exemptions to VJTI through equivalent price reductions. |
| 6. | **Confidentiality and Data Protection:**

- Bidders must maintain confidentiality of all VJTI data and use it solely for this contract.
- Comply with Digital Personal Data Protection Act, 2023 (DPDP Act): Biometric data must be encrypted (AES-256), stored locally at VJTI, and deleted post-contract unless authorized. Consent mechanisms for users required. |
| 7. | **Force Majeure:**

- Neither party is liable for failure to perform due to events beyond reasonable control (e.g., natural disasters, war, government restrictions). Notification within 7 days required. |

8.	**Dispute Resolution**:
	a. Disputes will be resolved through arbitration under the Indian Arbitration and Conciliation Act, 1996, by a sole arbitrator appointed by the Indian Council of Arbitration (ICA). b. Jurisdiction: Courts in Mumbai. c. Timeline: Arbitration to conclude within 90 days.
9.	**Insurance**: • Bidder must provide insurance for third-party liability (minimum ₹5 Lakhs) and workmen's compensation during installation. Proof in Technical Bid.
10.	**Anti-Corruption/Anti-Collusion**: • Bidder declares no involvement in corrupt practices. Any violation leads to bid rejection and blacklisting. Submit declaration in Annexure.
11.	**Right to Amend**: a. VJTI reserves the right to amend terms and conditions before contract award.
12.	**Project Handover**: • Submit at completion: Installation and Testing Reports, Warranty Certificates, Training Completion Certificates, User Manuals, System Documentation, and As-Built Drawings. • Final acceptance requires VJTI's written sign-off.
13.	**Cybersecurity**: • All IP-based equipment (e.g., cameras, FRTs) must comply with ISO 27001 standards, including AES-256 encryption, secure firmware updates, multi-factor authentication, and password protection. Vulnerability assessments required pre-handover.
14.	**Compliance**: **All products shall be** BIS/CE/UL certified, RoHS compliant, **software compliant to** ISO 27001, **with encrypted communications.**

SECTION – 4
TECHNICAL SPECIFICATIONS & ESSENTIAL CONDITIONS TO BE FULFILLED

TECHNICAL SPECIFICATIONS & ESSENTIAL CONDITIONS TO BE FULFILLED

Bidders should clearly mention the offered product in the Bidder's Specifications column and attach the catalogue/data sheet of the product. If the Bidder cannot comply with the particulars mentioned or wishes to provide higher specifications, the same should be mentioned clearly in Bidder's Specifications column with justification. If the Bidder's specification column is blank, it will be treated as an incomplete offer. All specifications are mandatory unless stated otherwise.

The Physical Access Control System procured through this tender will be installed at following gates in the Institute:

Sr. No. A	Gate No.	Location Description	Width of Gate Passage (m)	No. of FRTs	No. of Lanes
1	2	Beside Main Gate	5	10	5
2	9	Beside Maintenance Department	3.8	10	5
3	13	Chemistry Department (facing Khalsa College)	4.6	10	5
4	3	Primarily for Hostel Students entering Academic Campus	5	14	7
Total				44	22

(**Note:** Refer to Annexure VII for site layout diagram placeholder. Each lane requires barriers and FRTs at entry/exit points. **Integration:** FRTs must trigger barriers; all data centralized in Access Control Management System.**)**

Sr. No. 1	Face Recognition Access Controllers; QTY-48 Make: Gunnebo, Suprema, Invixium , Dahua, HikVision	
A	Technical Specifications	
	Parameter	Tender Requirement
A.1	System	Embedded processor with support for UDP, TCP, IPv4, RTSP, SIP, P2P, RTP protocols; OSDP protocol; CGI/ONVIF interoperability; SDK & API available.
A.2	Display	7" capacitive touchscreen LCD, resolution not less than 600 × 1024.
A.3	Camera	2-MP dual-lens CMOS camera with DWDR and auto IR compensation.
A.4	Construction	Casing of tempered glass and PC, suitable for indoor installation. Voice prompt supported.
A.5	Card & Access	Shall support IC cards; at least 128 period lists and 128 holiday periods. Restricted/trusted lists and first-user unlock to be supported.
A.6	Connectivity	TCP/IP, Wi-Fi (802.11 b/g/n, 2.4–2.472 GHz), 1 × RS-485, 1 × RS-232, 1 × Wiegand (in/out), 1 × USB 2.0, and 1 × RJ-45 (10/100 Mbps).
A.7	Performance	Card read distance up to 3 cm; face recognition distance 0.3–2.0 m; height range 0.9–2.4 m; recognition accuracy ≥99.9%; recognition time ≤0.2 s; QR code (electronic/printed) supported.
A.8	Capacities	Minimum 50,000 users, 50,000 faces, 100,000 cards, 50,000 passwords, and 300,000 event records.

A.9	Alarms & Control	Minimum 2 alarm inputs (digital), 1 relay alarm output, 1 exit button, 1 door status input, lock control, alarm linkage.
A.10	Power	Standard PoE; 12 VDC, 2 A power supply with consumption ≤24 W. Power adapter to be included.
A.11	Physical Dimensions	≤218 × 118 × 24.2 mm (H × W × D). Packaging: Carton ≤299 × 164 × 72 mm; Protection box ≤390 × 320 × 360 mm.
A.12	Environmental	Operating temp –20 °C to +55 °C; humidity 0–90% RH (non-condensing); altitude up to 1,300 m. Indoor use only.
A.13	Weight	Gross weight ≤0.67 kg.
A.14	Accessories	Wall mount bracket included.
A.15	Stand for Face reader	**Type**: Turnstile mounting bracket for face recognition terminal, **Casing Material**: Aluminium alloy; **Inclined Angle**- Adjustable ±15°; **Dimensions**: - Not more than 241.4 mm (H) × 100.0 mm (W) × 100.0 mm (D)
A.16	Installation	Suitable for turnstile mount, 86 case mount, wall mount, or floor bracket mount.
B		**Functional / Operational Requirements**
B.1	Functionality	**Tender Requirement**
B.2	Face Recognition Technology	Device shall employ deep learning–based face recognition with a minimum of 360 facial key point detections.
B.3	Recognition Speed	Face recognition and authentication shall be completed within ≤0.2 seconds.
B.4	Recognition Range	Device shall support recognition at distances of 0.3 m to 2.0 m and height range 0.9 m to 2.4 m (with installation height of 1.4 m).
B.5	Multi-face Recognition	Device shall recognize up to 6 faces simultaneously.
B.6	Accuracy	Recognition accuracy shall not be less than 99.9%.
B.7	Liveness Detection	System shall incorporate liveness detection to prevent spoofing through photos, videos, or other methods.
B.8	Mask & Helmet Detection	Device shall detect face masks and safety helmets during recognition.
B.9	Privacy Protection	Device shall support bounding box display and multiple display/voice modes to protect user privacy.
B.10	Authentication Methods	Shall support face, card, password, QR code, remote verification, and combination unlock methods.
B.11	Multi-factor Authentication	Shall support configuration of multi-factor and multi-user authentication.
B.12	User Categories	Must support user types including General, Patrol, VIP, Guest, Blocklist, and Custom users.
B.13	Alarm & Security Functions	Shall provide alarms for duress, tampering, intrusion, anti-pass back, illegal card threshold, and unlock timeout.
B.14	Video Communication	Shall support two-way video communication with indoor monitors, master station, and mobile application.
B.15	Advertisement Display	Shall support idle-screen playback of video/image advertisements.
B.16	System Integration	Device shall integrate with DSS Pro and SmartPSS Lite.
B.17	Software Updates	Shall support firmware upgrade both online and via USB.
B.18	Network & Registration	Shall support auto-registration, P2P, DHCP, and Wi-Fi connectivity.
B.19	Additional Features	Real-time monitoring, web configuration, trusted/restricted lists, first-user unlock, and remote verification must be supported.
Sr.	Technical Specifications for Swing Barrier Turnstile (Left) ; Qty: - 04	
No. 2	Make: Gunnebo, Suprema, Invixium , Dahua, HikVision	

	Specification Item	Minimum Requirement
2.1	Main Processor	Embedded Processor
2.2	Product Type	Swing Turnstile
2.3	Motor	Brushless DC Motor
2.4	Status Indicator Light	Yes
2.5	Voice Prompt	Yes
2.6	Casing Material	SUS 304 (Stainless Steel)
2.7	MCBF (Mean Cycles Between Failures)	> 3 million cycles
2.8	Passage Width	600 mm (23.62")
2.9	Max Custom Passage Width	900 mm (35.43")
2.10	Input Port	1*Wiegand Port; 1 × RS-485 input port
2.11	Passing Speed	20–70 people/min
2.12	Unlock/Lock Speed	0.8 s
2.13	Pairs of IR Detectors	4
2.14	Cabinet Thickness	1.0 mm (0.04")
2.15	Top Cover Thickness	1.2 mm (0.05")
2.16	Barrier Material	Acrylic
2.17	Barrier Thickness	8.0 mm (0.31")
2.18	Network Port	1 × 10 Mbps/100 Mbps self-adaptive Ethernet port
2.19	User Capacity	100,000
2.20	Record Capacity	100,000
2.21	Power Supply	100-240 VAC, 3A, 50Hz/60Hz
2.22	Vandal-Proof Rating	Glass plate: IK04; Stainless steel cabinet: IK07
2.23	Protection	IPX4
2.24	Power Consumption	≤15 W (standby); ≤80 W (working) – for single turnstile
2.25	Product Dimensions (L × W × H)	1,200 mm × 140 mm × 980 mm (47.24" × 5.51" × 38.58")
2.26	Packaging Dimensions (L × W × H)	1,299 mm × 332 mm × 1,173 mm (51.14" × 13.07" × 42.24")
2.27	Gross Weight	Single turnstile: 24 ± 2.5 Kg
2.28	Operating Temperature	–25 °C to +70 °C (–13 °F to +158 °F)
2.29	Operating Humidity	5%–90% (RH), non-condensing
2.30	Operating Environment	Outdoor

Sr. No.	Technical Specifications for Swing Barrier Turnstile (Right); Qty: 04	
	Make: Gunnebo, Suprema, Invixium , Dahua, HikVision	
3	Specification Item	Minimum Requirement
3.1	Main Processor	Embedded Processor
3.2	Product Type	Swing Turnstile
3.3	Motor	Brushless DC Motor
3.4	Status Indicator Light	Yes
3.5	Voice Prompt	Yes
3.6	Casing Material	SUS 304 (Stainless Steel)
3.7	MCBF (Mean Cycles Between Failures)	> 3 million cycles
3.8	Passage Width	600 mm (23.62")
3.9	Max Custom Passage Width	900 mm (35.43")
3.10	Input Port	1*Wiegand Port; 1 × RS-485 input port
3.11	Passing Speed	20–70 people/min
3.12	Unlock/Lock Speed	0.8 s

3.13	Pairs of IR Detectors	4
3.14	Cabinet Thickness	1.0 mm (0.04")
3.15	Top Cover Thickness	1.2 mm (0.05")
3.16	Barrier Material	Acrylic
3.17	Barrier Thickness	8.0 mm (0.31")
3.18	Network Port	1 × 10 Mbps/100 Mbps self-adaptive Ethernet port
3.19	User Capacity	100,000
3.20	Record Capacity	100,000
3.21	Power Supply	100-240 VAC, 3A, 50Hz/60Hz
3.22	Vandal-Proof Rating	Glass plate: IK04; Stainless steel cabinet: IK07
3.23	Protection	IPX4
3.24	Power Consumption	≤15 W (standby); ≤80 W (working) – for single turnstile
3.25	Product Dimensions (L × W × H)	1,200 mm × 140 mm × 980 mm (47.24" × 5.51" × 38.58")
3.26	Packaging Dimensions (L × W × H)	1,299 mm × 332 mm × 1,173 mm (51.14" × 13.07" × 42.24")
3.27	Gross Weight	Single turnstile: 24 ± 2.5 Kg
3.28	Operating Temperature	–25 °C to +70 °C (–13 °F to +158 °F)
3.29	Operating Humidity	5%–90 (RH), non-condensing
3.30	Operating Environment	Outdoor

Sr. No. 4	Technical Specifications for Swing Barrier (Middle) ; Qty: - 18 Make: Make: Gunnebo, Suprema, Invixium , Dahua, HikVision	
	Specification Item	Minimum Requirement
4.1	Main Processor	Embedded Processor
4.2	Product Type	Swing Turnstile
4.3	Motor	Brushless DC Motor
4.4	Status Indicator Light	Yes
4.5	Voice Prompt	Yes
4.6	Casing Material	SUS 304 (Stainless Steel)
4.7	MCBF (Mean Cycles Between Failures)	> 3 million cycles
4.8	Passage Width	600 mm (23.62")
4.9	Max Custom Passage Width	900 mm (35.43")
4.10	Input Port	1*Wiegand Port; 1 × RS-485 input port
4.11	Passing Speed	20–70 people/min
4.12	Unlock/Lock Speed	0.8 s
4.13	Pairs of IR Detectors	4
4.14	Cabinet Thickness	1.0 mm (0.04")
4.15	Top Cover Thickness	1.2 mm (0.05")
4.16	Barrier Material	Acrylic
4.17	Barrier Thickness	8.0 mm (0.31")
4.18	Network Port	1 × 10 Mbps/100 Mbps self-adaptive Ethernet port
4.19	User Capacity	100,000
4.20	Record Capacity	100,000
4.21	Power Supply	100-240 VAC, 3A , 50Hz/60Hz
4.22	Vandal-Proof Rating	Glass plate: IK04; Stainless steel cabinet: IK07
4.23	Protection	IPX4

4.24	Power Consumption	≤15 W (standby); ≤80 W (working) – for single turnstile
4.25	Product Dimensions (L × W × H)	1,200 mm × 140 mm × 980 mm (47.24" × 5.51" × 38.58")
4.26	Packaging Dimensions (L × W × H)	1,299 mm × 332 mm × 1,173 mm (51.14" × 13.07" × 42.24")
4.27	Gross Weight	Single turnstile: 24 ± 2.5 Kg
4.28	Operating Temperature	–25 °C to +70 °C (–13 °F to +158 °F)
4.29	Operating Humidity	5%–90% (RH), non-condensing
4.30	Operating Environment	Outdoor

Note: - One lane shall be ≥900 mm wide to allow wheelchair/stretcher access as per RPwD Act 2016 accessibility standards.

Sr No.5A	Access Control Management Software with Visitor Management Module (Qty: 1) Make: Gunnebo, Suprema, Invixium , Dahua, HikVision	
	Specification Item	**Minimum Requirement**
5A.1	System Type	Centralized access control management software with integrated visitor management module, using client-server architecture for scalable deployment
5A.2	Supported Devices	Access control devices (door controllers, locks, readers), face recognition terminals (FRTs), biometric fingerprint scanners, RFID/contactless smart card readers, swing/flap barriers, IP bullet cameras, video intercoms, ANPR cameras for vehicles, and third-party devices via ONVIF protocol or SDK
5A.3	Maximum User Capacity	Up to 200 online users and 2,500 total users (including PC clients and mobile app users); up to 500 online users and 5,000 total VDP users
5 A.4	Organization and Role Management	Up to 10 levels with 999 organizations; up to 500 roles; up to 20 user groups with 500 users per group; roles per user: 32
5 A.5	Person Management Capacity	Up to 300,000 total persons (300,000 on platform, 30,000 from third-party systems); up to 10 person/vehicle group levels with 999 groups; a person can belong to up to 20 groups; up to 600,000 cards; up to 300,000 faces; up to 600,000 fingerprints
5 A.6	Vehicle Management Capacity	Up to 50,000 vehicles; vehicle groups (General, VIP, Blocklist); fuzzy match rules for license plates; parking lot control with up to 16 main/sub lots and 120 entrances/exits
5 A.7	Face and Vehicle Watch Lists	Up to 50 face watch lists and 32 vehicles watch lists; up to 50,000 faces per face watch list
5 A.8	Visitor Management Features (Mandatory)	Complete visitor process: Appointment (via platform, host invitation, visitor self-creation, using app; batch import up to 1,000 visitors, 1 GB limit); registration (on-site via card swipe, face, QR code); access permission authorization (inherit host permissions, customizable remarks, bind card/face/QR); ending visit (check-out to revoke access, batch for overstayed with notifications); visitor records up

Sr No.5A	Access Control Management Software with Visitor Management Module (Qty: 1)	Make: Gunnebo, Suprema, Invixium , Dahua, HikVision
	Specification Item	**Minimum Requirement**
		to 5,000,000 (search by name, phone, email, card, ID, host, time; export with password protection)
5 A.9	Access Control Features (Mandatory)	Zone management (up to 8 levels, define entry/exit boundaries, people counting); access rules (by person/group, time templates, holidays; verification modes: card, fingerprint, password, face, multi-factor); advanced rules: Normally Open/Closed, First-person Unlock, Multi-person Unlock (up to 4 groups/50 persons), Anti-passback (local/global, reset 1 min–24 hrs), Multi-door Interlock (2–4 doors), Remote Verification, Public Passwords (up to 1,500); door/lift status monitoring, unlock/lock globally; access route tracking; integration with barriers for automatic opening on valid auth
5 A.10	Event Management	Up to 3,000 event sources for rules; up to 100 combined event rules and 1,000 combined events; up to 50 generic event rules; event records (access control, attendance, video intercom, visitor, entrance) up to 5,000,000 each; real-time events with snapshots/recordings, alarms, notifications
5 A.11	Mobile App Features (Mandatory)	Mobile app must allow end-users (e.g., students) to view personal attendance via secure login, with push notifications and report exports; supports app for iOS 12.0+ and Android 8.0+; attendance viewing includes real-time/historical logs, customizable reports (e.g., PDF/Excel), and integration with access control events (e.g., FRT/barriers)
5 A.12	Integration and Interoperability	Seamless integration with FRTs (face auth), barriers (door control), RFID readers (card auth), biometrics (fingerprint), IP cameras (live view/playback); support for ONVIF Profile S; API and SDK for third-party integration (e.g., mobile development, custom rules); compatibility with video wall, map, alarm controllers
5 A.13	Map Support	Up to 8 hierarchies; offline GIS map up to 1 GB; raster map up to 15 MB, resolution 8,100 × 8,100; up to 256 raster maps (300 merged, 2,000 before merging); resources per raster map: up to 300 (after merging), 2,000 (before); resources on GIS map: up to 256; static visual range up to 1,000 channels
5 A.14	Live View and Playback	Up to 999 public/private view folders (1,000 views each); up to 10 favorites levels with 999 favorites (2,000 device channels per user); max locked videos: 10,000 per user; max linked tracking channels per channel: 8; max simultaneous video downloads per client: 32
5 A.15	Recording and Retrieval	Up to 3,000 general/motion detection/video/file retrieval plans; max channels searched at a time: 200; max video analysis tasks (local + recording): 3,000

Sr No.5A	Access Control Management Software with Visitor Management Module (Qty: 1) Make: Gunnebo, Suprema, Invixium , Dahua, HikVision	
	Specification Item	**Minimum Requirement**
5 A.16	Video Wall Support	Up to 32 video walls; up to 128 schemes; touring videos per window: 512
5 A.17	Supported Operating Systems (Server)	Microsoft Windows Server 2019/2022/2025 Standard (64-bit); Microsoft Windows 10 20H2 Pro (64-bit); Microsoft Windows 11 21H2/24H2 Pro (64-bit)
5 A.18	Supported Operating Systems (PC Client)	Microsoft Windows 10 20H2 Pro (64-bit); Microsoft Windows 11 21H2/24H2 Pro (64-bit); Microsoft Windows Server 2019/2022/2025 Standard (64-bit)
5 A.19	Supported Operating Systems (Mobile Client)	iOS 12.0 or later; Android 8.0 or later
5 A.20	Server Hardware Requirements (Minimum/Recommended)	CPU: Intel Xeon E-2224 3.4 GHz (min) / Intel Xeon Silver 4114 @ 2.2 GHz 10 Core (rec); Memory: 16 GB (min) / 32 GB (rec); System Disk: 1TB 7.2K RPM SATA (min) / 1TB 7.2K RPM SATA Hot-plug (rec); Storage Disk: 7200 RPM Enterprise Class HDD (min/rec); Ethernet: 2 Ports @ 1000 Mbps (min) / 4 Ports @ 1000 Mbps (rec)
5 A.21	Licensing	Base license supports up to 64 channels/devices; additional licenses required for expanded users, persons, vehicles, access points, or advanced features (e.g., AcuPick for face/vehicle recognition); visitor module included in base, but expansions for high-volume records (e.g., 5,000,000 visitor records)
5 A.22	Redundancy & Backup	Supports hot standby and N+M redundancy for failover servers; data backup for event/visitor records
5 A.23	API & SDK Support	Provides API and SDK for third-party integration, mobile development, and custom event rules; supports RESTful APIs for device control (e.g., barrier opening on auth)
5 A.24	Add-ons and Additional Features	Supports add-ons for attendance tracking, video intercom, alarm integration, POS, radar, AI (e.g., face arming, fuzzy license plate matching); email notifications for visitor approvals/overstays; group talk (up to 30 groups, 100 users/group); cybersecurity: AES-256 encryption, ISO 27001 compliance, DPDP Act 2023 for biometric/visitor data

Sr No. 5.B	Access Control Expansion License (If required)	Qty: Required to support 44 FRTs and 8 bullet cameras.
	Specifications	Licenses beyond *"Access Control management Software System's"* base package limit.

Sr. No 6	IP Bullet Camera	Qty: - 8
	Make: - Axis Communication, Hanwha Vision, Dahua Technology, HikVision.	
	Parameter	**Minimum Specification Requirement**
6.1	Image Sensor	Shall be 1/3" Progressive Scan CMOS or better
6.2	Effective Pixels / Resolution	Shall support a minimum resolution of 2560 × 1440 (4 MP)
6.3	Lens	Shall be equipped with a fixed focal lens of 4 mm or 6 mm (± tolerance of 5%), with F-number of F2.0 or better for 4 mm lens, and F1.6 or better for 6 mm lens
6.4	Field of View (FOV)	For 4 mm lens: Horizontal FOV not less than 83°, Vertical not less than 45°, Diagonal not less than 98° For 6 mm lens: Horizontal FOV not less than 50°, Vertical not less than 28°, Diagonal not less than 58°
6.5	Day/Night Functionality	Shall support true Day/Night functionality with IR Cut Filter (ICR)
6.6	Minimum Illumination	Shall function at a minimum of 0.028 Lux (Color mode) at F2.0 with AGC ON, and 0 Lux with IR ON (B/W mode)
6.7	Wide Dynamic Range (WDR)	Shall support True WDR of minimum 120 dB
6.8	Infrared (IR) Illumination	Shall include inbuilt IR LEDs with effective night vision range of minimum 50 meters
6.9	Digital Noise Reduction	Shall support 3D Digital Noise Reduction (3D DNR)
6.10	Video Compression	Shall support H.265+, H.265, H.264+, and H.264 compression standards
6.11	Bitrate	Shall support adjustable bitrate from minimum 32 Kbps up to 8 Mbps or higher
6.12	Frame Rate	Shall support minimum 20 fps @ 2560×1440 (Main Stream) and up to 30 fps at lower resolutions
6.13	Video Streams	Shall support dual stream capability
6.14	Protocols / Interoperability	Shall support ONVIF (Profile S), ISAPI, and other standard network protocols for integration
6.15	Ingress Protection	Shall be weatherproof with a minimum rating of IP67 or higher
6.16	Operating Temperature	Shall operate in the temperature range of -30 °C to +60 °C with humidity ≤ 95% (non-condensing)
6.17	Power Supply	Shall support both 12 V DC ±25% and Power over Ethernet (PoE) as per IEEE 802.3af
6.18	Power Consumption	Shall not exceed 7 W under full load
6.19	Camera Housing	Shall be built using a combination of metal and durable plastic materials; front cover and bracket should be metallic
6.20	Additional Features	Shall support: Anti-flicker, privacy masking, motion detection, image flip/mirror, watermarking, IP address filtering, AES-256 encryption.

Sr No 7	Networking Switches QTY: - 4	
	Make: - Netgear GS316EP, D-Link DGS-1210- 16, TP-Link TL-SG1218MPE 16-Port	
	Parameters	**Requirement / Specification**
7.1	Port Configuration	16 x 10/100/1000 Mbps Gigabit Ethernet ports
7.2	PoE Support	IEEE 802.3af (PoE) and IEEE 802.3at (PoE+)
7.3	PoE Power Budget	Minimum total of 150 Watts per switch
7.4	Fiber Uplink Ports	Minimum 1 x SFP or combo fiber uplink port
7.5	VLAN Support	802.1Q VLAN tagging with support for at least 32 VLANs
7.6	Management	Managed or Smart Managed with Web GUI and CLI
7.7	Switching Capacity	≥ 32 Gbps switching capacity
7.8	Forwarding Rate	≥ 23.8 Mpps (Million packets per second)
7.9	QoS Support	Support for 802.1p/DSCP traffic prioritization
7.10	Security Features	Port security, storm control, DHCP snooping
7.11	Power Supply	Internal PSU supporting 220 VAC input with surge protection
7.12	Operating Environment	Operating temperature: 0°C to 50°C or wider
7.13	Physical Form Factor	Rack-mountable or wall-mountable with mounting brackets
7.14	Redundancy & Reliability	Optional support for redundant power input, fan cooling, MTBF data
7.15	LED Indicators	Link/activity, PoE status, system health
7.16	Warranty & Support	Minimum 5 years manufacturer warranty with local support

Sr No. 8	Required Data cabling work	Qty: Lumpsum 1500 meter Make: Dlink , Comscope , Rodel
8.1	Specifications	CAT6 UTP cable, LSZH jacket, compliant with TIA/EIA-568. Include termination, patching, and testing.

Sr.No. 9	Electrical Work	Qty: Lumpsum for 4 gates. (Make: Polycab, Anchor, Havells)
9.1	Specifications	3-core 2.5 sq.mm copper cable, MCBs, conduits per IS 732. Include earthing, surge protection.

Sr. No. 10: Fabrication Work – Shelter Roofing & Site Framing (Qty-4)(At Designated Gate Ref. Annexure – VII: Site Layout Diagram)

- Roof Top: Polycarbonate sheet 8mm.
- Site Framing: Pipe Square 40x40 mm, 2mm thickness; Vertical Support Pipe 3" height.
- Aluminum: 1" x 1mm with self-screw 2" x 8mm.
- Color: Blue/Red/White.
- Dimensions: Roof Height 7 Feet, Width 7 Feet, Length 19 Feet per gate.

Sr. No. 11: RFID/Contactless Smart Cards (Qty: 6,000)

- **Specifications:** MIFARE Classic/Desfire, 13.56 MHz, compatible with FRTs, durable PVC material, printable surface.

SR. No. 12. RFID Card Issuance / Writer Device; QTY -02

Sr No	Parameter	Tender Requirement
12.1	Supported Card Standards	Must support MIFARE Classic (1K/4K), MIFARE DESFire EV1/EV2, and ISO/IEC 14443 Type A/B cards
12.2	Read/Write Capability	Full read/write support for card UID and data sectors, including sector keys A/B
12.3	Operating Frequency	13.56 MHz, ISO/IEC 14443 compliant
12.4	Connectivity	USB 2.0 minimum; Ethernet or Wi-Fi (optional, if available) for network-based issuance
12.4	Data Security	Secure key management (SAM slot or encrypted key storage) to prevent card cloning
12.5	Software Compatibility	Card issuance software must support: user registration, encoding ID/access rights, custom fields, and export/import of card data in CSV/XML
12.6	Integration	Must integrate seamlessly with supplied Face Recognition Terminals (FRTs) and central access control software (e.g., DSS Pro / SmartPSS Lite or equivalent)
12.7	Driver Support	Must support Windows 10/11 (64-bit) and higher; Linux compatibility preferred
12.7	Power Supply	USB powered (≤5V); external adapter if Ethernet model is provided
12.8	Indicators	LED and/or buzzer for read/write status confirmation
12.9	Durability	Minimum 100,000 read/write cycles
12.10	Certifications	CE/FCC, RoHS compliant
12.11	Accessories	All necessary cables, drivers, and installation manuals must be supplied
12.12	OEM Authorization	Device must be OEM recommended/certified for use with the proposed Face Recognition Terminal

Sr. No. 13. Civil Foundation & Surface Work- (Qty-4) (At Designated Gate Ref. Annexure – VII: Site Layout Diagram)

- PCC levelling, anti-slip flooring, drainage piping, RCC base for barriers, electrical conduit and power sockets.
- Civil Foundation: PCC levelling, anti-slip flooring (vitreous tiles), drainage piping (PVC 4"), RCC base for barriers (300mm depth), electrical conduit, power sockets. Qty: Lumpsum for 4 gates.

Detailed Scope of Work

- Supply, Installation, Testing & Commissioning (SITC) of:
  - Swing Barriers, Flap Barriers
  - Face Recognition Terminals (FRTs)
  - Biometric/RFID Readers & Smart Cards
  - Access Control Management Software with Visitor Management Module
  - Integration with centralized access management system.
  - IP Surveillance Cameras (entry/exit)
  - Networking, Cabling & Electrical Works
  - Fabrication Work – Shelter Roofing & Site Framing
  - Civil Foundation & Surface Work (At Each Gate)

Sr. No.	Gate No.	Location Description	Width of gate passage after gate fully Opened (In meters)	No. of Facial Recognition Terminals $	No. of Lanes per Gate
1	2	Beside Main Gate	5	10	5
2	9	Beside Maintenance Department	3.8	10	5
3	13	Chemistry Department (facing Khalsa College)	4.6	10	5
4	3	Primarily for Hostel Students entering Academic Campus		14	7
		Total		44	--

$ - (1- FRT at two opposite ends of each *in-middle* partition)
 - (Single FRT at corner partitions)

Service Level Agreement (SLA)

This Service Level Agreement outlines the performance standards and associated penalties agreed upon for the services rendered. The key parameters are as follows:

1. Response Time

- **Requirement:** Response must be provided within **4 hours** of lodging a complaint.
- **Channel:** Complaints must be submitted via the authorized **VJTI email**.

2. Resolution Time

- **Critical Issues** (e.g., system downtime): Must be resolved within **24 hours**.
- **Non-Critical Issues:** Must be resolved within **48 hours**.

3. Uptime Guarantee

- **Service Availability:** Minimum **99.5% uptime per month** is required.

4. Penalties for Non-Performance

- **Delays:** 0.5% of contract value per week (max 10%).
- **Uptime below 99.5%:** 1% deduction per 0.1% shortfall.
- **Repeated failures** (3+ in a quarter): Contract termination with PBG forfeiture

SR. NO.	GENERAL CONDITIONS - TO PREQUALIFY ALL THE OEMS SHOULD SATISFY THE ELIGIBILITY CRITERIA MENTIONED BELOW.	SUPPORTING DOCUMENT REQUIRED
1	**Compliance Check /** {Certificate of Compliance / Declaration of Conformity / Conformance Letter}	The OEM shall provide a Compliance Certificate on its official letterhead, duly signed and sealed by an authorized representative. The certificate must reference the relevant bid/tender number and explicitly confirm that all supplied equipment fully conforms to the specifications, standards, and requirements outlined in the tender documents. This certificate will serve as formal assurance that the delivered products meet the agreed-upon technical and quality criteria.
2	Compliance with BIS, UL, CE, ONVIF for cameras/Access Control Management Software, ISO 27001 for cybersecurity.	Certification documents.
3	"The OEM must provide a product support and availability roadmap confirming that the supplied products will remain under official support and will not be classified as end-of-sale or end-of-support for a minimum of 5 years from the date of delivery."	Signed letter from OEM confirming product lifecycle.
4	OEM should have been minimum 10 years in manufacturing access control systems (barriers, biometrics, RFID).	Incorporation Certificate.

Bidder Criteria

Sr. No.	General Conditions - To Prequalify all the OEMs should satisfy the Eligibility Criteria mentioned below.	Supporting Document Required
1	MAF or OEM Certification is mandatory and should be specific to Bid Number and Bid Date. No general MAF will be accepted. Wherever Authorized Distributors/service providers are submitting the bid, Authorization Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid	Attach ink signed/Digitally signed MAF from OEM
2	Certified balance sheet and Profit and Loss statement for last three financial years.	Audited reports and CA certificate
3	Documentary proof of GST registration.	GST Certificate
4	Bidder should be profit making organization from consecutively past 3 FYs.	Audit Reports
5	The Bidder must have positive net-worth in last 3 financial years	Audited reports and CA certificate
6	The Bidder must have an average Annual turnover not less than ₹ 1 Crores/-	Audited reports and CA certificate
7	The bidder shall be at least 15 Years established company.	Incorporation / Firm Registration Certificate. / MSME Certificate
8	The bidder must have successfully completed at least one (1) similar single order with a contract value not less than ₹1 Crore within the last three (3) years.	The bidder shall submit a Work Completion Certificate issued by the client, clearly specifying the contract value and confirming the successful completion of the work.
9	The bidder must have a minimum of **two (2) full-time technical staff** on their payroll, each holding valid and relevant certifications in the field of **Access Control Systems**. (The purpose of this requirement is to ensure that the implementing agency possesses competent human resources with verifiable expertise in access control, biometric authentication systems, centralized access management software, and related integration technologies.)	Clear scanned copies of valid certificates: Certified Access Control Specialist (CACS); ONVIF (Open Network Video Interface Forum); Certification; CompTIA Security+;
10	Malicious Code Certificate	Should be on OEM Letter Head having bid number mentioned with seal & sign of OEM
11	Escalation matrix	With Bid Number mentioned on OEM Letterhead with seal and sign of OEM
12	The solution should have service warranty for period of 5 years and bidder should be responsible for SITC, support, warranty and after sales service for the items during the warranty period	Warranty certificate from OEM With Bid Number mentioned on OEM Letterhead with seal and sign of OEM.

13	ISO certifications from Bidder	**I.** 9001:2015 (Quality Management System – ensures company follows standard operating procedures.) **II.** 27001:2013 (Information Security Management System – critical when dealing with biometric and identity data.) **III.** 20000-1 (IT Service Management – relevant if the vendor will maintain/AMC the access system.) **IV.** 22301 (Business Continuity – ensures project delivery even during disruptions)
14	It is mandatory for all prospective bidders to undertake a site visit before submitting their bids. The purpose of the site visit is to provide the bidders with a comprehensive understanding of the site requirements and the conditions that may affect the execution of the work. Failure to undertake a site visit will result in the automatic rejection of the submitted bid.	Bidder must upload a visit report along with a bid document having seal and sign of buyer.
15	**Support Center**: The bidder must operate a 24/7 support center in Mumbai/Navi Mumbai, accepting complaints via email, unified portal, or telephone.	Address Proof such as Electricity Bill of office having address mentioned, Property Tax pay receipt from municipal corporation, etc.
16	Non-Blacklisting Declaration.	Should be on bidder Letter Head having bid number mentioned with seal & sign of bidder.
17	Datasheet of all quoted products should be attached with tender documents.	Products Literature/Datasheet
18	The bidder must have successfully supplied and commissioned similar access control systems (including barriers, biometrics, RFID, or face recognition systems) to **at least three (≥3) educational or government institutions in India.**	Submit Work Completion Certificates issued by the respective clients, clearly confirming successful completion of the projects.

Additional Requirements

1. **Product Lifecycle:** 5-year support roadmap; no end-of-life during contract.
2. **Replacement:** Replace defective components with same/higher specs within 24 hours.
3. **Environmental/Safety Standards:** RoHS, BIS, UL, or CE compliant. Energy efficiency: ≥80% for power supplies.
4. **Cybersecurity:** ISO 27001, AES-256 encryption, penetration testing pre-handover.
5. **Accessibility:** RPwD Act 2016 compliance (e.g., audible prompts for visually impaired).

- Quote prices in INR, inclusive of all costs (supply, installation, testing, commissioning, training, documentation, maintenance during warranty) except GST, which must be specified separately.
- Evaluation based on total evaluated cost (including AMC).

Sr. No.	Item Description	Qty	Unit	Unit Rate (₹ excl. GST)	Total (₹ excl. GST)
1	Face Recognition Terminal	48	Nos		
2	Left Swing Barrier	4	Nos		
3	Right Swing Barrier	4	Nos		
4	Middle Unit Swing Barrier	18	Nos		
5	Access Control Management Software with Visitor Management Module	1	Set		
6	Access Control Expansion License	As required for 44 FRTs & 8 cameras	Set		
7	IP Bullet Camera	8	Nos		
8	Networking Switches	4	Nos		
9	Data Cabling Work (CAT6)	1,500 meters	Meters		
10	Electrical Work (Cables, Switches, Accessories)	Lumpsum	Set		
11	Fabrication Work (Shelter Roofing & Civil Foundation)	Lumpsum for 4 gates	Set		
12	RFID/Contactless Smart Cards	6,000	Nos		
13	RFID Card Issuance / Writer Device	2	Nos		
14	Civil Foundation & Surface Work (At Each Gate)	4	-		
Sub-Total					
GST					
Grand Total					

Sr.No	Item	Description
1.	Contact Person	

2.	Business Address	
3.	Tel No.	
4.	Mobile No.	
5.	Fax No.	
6.	E-mail	

- This offer shall be valid for 60 calendar days from the last date of submission of tender.
- Evaluation will be done on the basis of Total Bid Price (including all Taxes).
- We accept all terms & conditions of the contract.

Place:

Date: Signature of Vendor with seal

Documents Submission Checklist:

Sr. No.	Requirement	Complied (Yes/No)	Document Reference
1	Firm Registration Certificates (PF, ESIC)		
2	GST Registration Certificate		
3	Partnership Deed/Incorporation Certificate		
4	Income Tax Returns (2022-23, 2023-24, 2024-25)		
5	Tender Fee Receipt (₹22,420/-)		
6	EMD Receipt (₹1,90,000/-) or Exemption		
7	Site Visit Acknowledgment		
8	MAF from OEM		
9	Audited Financial Statements (Last 3 FYs)		
10	Security Certifications (e.g., CACS, ONVIF, CompTIA Security+)		
11	Malicious Code Certificate		
12	Compliance Certificate		
13	Escalation Matrix		
14	Warranty Certificate		
15	ISO 9001:2015, 27001:2022, 20000-1, and 22301 Certificates.		
16	Non-Blacklisting Declaration		
17	Product Datasheets		
18	Anti-Corruption Declaration		

Project Timeline:

Milestone	Timeline
Site Survey	02 February 2026 to 05 February 2026
Pre-Bid Meeting	06 February 2026 time 4:00 pm
Bid Submission Deadline	As per portal schedule
Technical Bid Opening	As per portal schedule
Financial Bid Opening	To be notified
Delivery of Equipment	Within 30 days of purchase order
Installation and Commissioning	Within 30 days of purchase order
Training	Within 15 days of commissioning
Handover and Sign-Off	Within 45 days of purchase order

Declarations

1. **Non-Blacklisting Declaration:** On bidder's letterhead, confirming no blacklisting by any government entity in the last 5 years.
2. **Malicious Code Certificate:** On OEM letterhead, confirming equipment is free of malicious code.
3. **Compliance Certificate:** On OEM letterhead, confirming compliance with tender specifications.
4. **Warranty Certificate:** On OEM letterhead, confirming 5-year warranty.
5. **Anti-Corruption Declaration:** On bidder's letterhead: "We declare no involvement in corrupt, fraudulent, or collusive practices."

ANNEXURE – I: SITE VISIT ACKNOWLEDGMENT FORM

This is to certify that the below-mentioned authorized representative(s) of the prospective bidder has/have visited the site at Veermata Jijabai Technological Institute (VJTI), Matunga, Mumbai, for:

Name of the Work: Supply, Installation, Testing, and Commissioning of Access Control System
Tender Ref No: VJTI/IT-Infra/2025/Tender/06

The site visit was conducted between 29 January 2026 to 05 February 2026.

Particulars	Details
Name of Bidder Organization	
Address of Bidder	
Name of Authorized Representative	
Designation	
Mobile Number	
Email ID	
Date of Site Visit	

We confirm that we have examined the site conditions and existing infrastructure and understood the scope of work. We shall not raise any claims due to lack of understanding of site conditions.

Authorized Signatory of Bidder:

Name: _____ Designation: _____

Signature with Seal: _____ Date: _____

Acknowledged by VJTI Representative:

Name: _____ Designation: _____

Signature with Official Seal: _____

Date: _____

ANNEXURE – II: COMPLIANCE CERTIFICATE TEMPLATE

Compliance Certificate

Date: [Insert Date]
Tender No.: VJTI/IT-Infra/2025/Tender/06

To,
The Director,
Veermata Jijabai Technological Institute (VJTI),
H. R. Mahajani Road,
Matunga East,
Mumbai, Maharashtra – 400019

Subject: Compliance Certificate for Supplied Equipment

We, [Insert OEM Name], having our registered office at [Insert Full Address], hereby certify that the equipment and components supplied/proposed to be supplied under the above-mentioned tender fully comply with the technical specifications, standards, functional requirements, and compliance conditions as specified in the tender documents.

We further certify that all hardware, software, and accessories offered are original, new, and of latest standard commercial models, and conform to the specified compliance norms such as ONVIF, OSDP (Open Supervised Device Protocol), CE, FCC, RoHS, or other applicable standards as required in the tender.

Compliance Matrix

Sr. No.	Product Name / Model	Specification Parameter	Offered Value / Description
1			
2			
...			

(Attach additional sheets, if necessary)

We understand that any deviation or misrepresentation in compliance may lead to disqualification, rejection of the bid, or termination of the contract at the discretion of VJTI.

Sincerely,

[Authorized Signatory Name]
[Designation]
[OEM Company Name]
[Contact Details]

[Company Seal & Signature]

ANNEXURE – III: ESCALATION MATRIX TEMPLATE

Subject: Escalation Matrix for Support & Service

Tender No.: VJTI/IT-Infra/2025/Tender/06

Name of Work: Supply, Installation, Testing and Commissioning of Swing Barriers, Flap Barriers, RFID/Contactless Smart Cards, Biometric Fingerprint & Face Recognition Access Control System with Centralized Access Management Software and Visitor Management Module at VJTI, Mumbai

Escalation Matrix

Level	Name	Designation	Contact Number	Email ID	Guaranteed Response Time
1					4 hours
2					24 hours
3					48 hours

Note:

- The Bidder/OEM shall ensure that the escalation matrix is valid and updated for the entire duration of the contract, including warranty and AMC periods.
- Response time mentioned above refers to acknowledgment time for support calls or service issues.
- The Bidder must notify VJTI of any changes in contact personnel or escalation levels within 5 working days of the change.

Authorized Signatory:
(Signature with Official Seal)

Name:
Designation:
Company Name:
Date:

ANNEXURE – IV: NON-BLACKLISTING DECLARATION TEMPLATE

To,
The Director,
Veermata Jijabai Technological Institute (VJTI),
H. R. Mahajani Marg, Matunga,
Mumbai – 400019, Maharashtra, India

Subject: Declaration Regarding Non-Blacklisting of the Firm
Tender No.: VJTI/IT-Infra/2025/Tender/06
Name of Work: Supply, Installation, Testing and Commissioning of Swing Barriers, Flap Barriers, RFID/Contactless Smart Cards, Biometric Fingerprint & Face Recognition Access Control System with Centralized Access Management Software and Visitor Management Module at VJTI, Mumbai

Declaration

I/We, the undersigned, hereby declare that our company/firm, namely:
[Insert Bidder's Name], having its registered office at:
[Insert Address],

has not been blacklisted or debarred by any Central Government / State Government / Public Sector Undertaking / Autonomous Body / Educational Institution in India during the last five (5) years.

We further declare that no such proceedings are pending or active against our firm as of the date of submission of this bid.

We understand that if this declaration is found to be false or misleading at any stage of the tender process or during the contract execution, our bid or contract is liable for rejection or termination, and we may be permanently debarred from future tenders by VJTI or other government institutions.

Authorized Signatory:
(Signature with Company Seal)

Name:
Designation:
Company Name:
Contact Number:
Email Address:
Date:

ANNEXURE – V: ANTI-CORRUPTION DECLARATION TEMPLATE

To,
The Director,
Veermata Jijabai Technological Institute (VJTI),
H. R. Mahajani Marg, Matunga,
Mumbai – 400019, Maharashtra, India

Subject: Declaration of Compliance with Anti-Corruption Practices
Tender No.: VJTI/IT-Infra/2025/Tender/06
Name of Work: Supply, Installation, Testing and Commissioning of Swing Barriers, Flap Barriers, RFID/Contactless Smart Cards, Biometric Fingerprint & Face Recognition Access Control System with Centralized Access Management Software and Visitor Management Module at VJTI, Mumbai

Declaration

I/We, the undersigned, do hereby declare that:

1. Our firm, [Insert Name of Bidder], is fully compliant with the guidelines issued by the Central Vigilance Commission (CVC) of India in relation to transparency, ethics, and anti-corruption practices in public procurement.
2. We have not engaged in any corrupt, fraudulent, collusive, or coercive practices in connection with this tender or any other public procurement process.
3. We further undertake that we shall:
   o Not offer or give, directly or indirectly, any bribe, gift, gratification or illegal inducement to any official of VJTI or its representatives.
   o Abide by all applicable laws and regulations related to anti-corruption, anti-bribery, and public procurement ethics.
4. In case any such violation is found at any stage of the contract, we understand that our bid or contract is liable for rejection or termination, and we may be subject to blacklisting or legal action as per the applicable rules.

Authorized Signatory:
(Signature with Company Seal)

Name:
Designation:
Company Name:
Contact Number:
Email Address:
Date:

ANNEXURE – VI: MALICIOUS CODE CERTIFICATE

To,
The Director,
Veermata Jijabai Technological Institute (VJTI),
H. R. Mahajani Marg, Matunga,
Mumbai – 400019, Maharashtra, India

Subject: Malicious Code Certificate for Supplied Equipment
Tender No.: VJTI/IT-Infra/2025/Tender/06
Name of Work: Supply, Installation, Testing and Commissioning of Swing Barriers, Flap Barriers, RFID/Contactless Smart Cards, Biometric Fingerprint & Face Recognition Access Control System with Centralized Access Management Software and Visitor Management Module at VJTI, Mumbai

Declaration

We, [Insert Name of OEM], having our registered office at [Insert Full Address], hereby certify that:

1. The hardware and software components supplied or proposed to be supplied under the above-mentioned tender are free from any malicious code, including but not limited to:
   o Viruses
   o Malware
   o Spyware
   o Backdoors
   o Trojan horses
   o Time-bombs
   o Logic bombs
   o Unauthorized monitoring tools
   o Data theft mechanisms
   o Any code or script that could be triggered to alter or disrupt normal functioning
2. We confirm that no part of the supplied product will transmit data to unauthorized destinations or allow remote or hidden control of the system, either during installation or later operation.
3. All firmware and software provided have been thoroughly tested and validated by our internal security teams and comply with industry standards and data protection regulations.
4. We take full responsibility for any security breach or malicious behaviours resulting from the hardware or software components supplied under this tender.

We understand that any false declaration or breach of this certificate will lead to immediate disqualification, cancellation of the contract, and may invite legal and financial action as deemed appropriate by VJTI.

Authorized Signatory (OEM):
(Signature with Official Seal)

Authorized Signatory (OEM):
(Signature with Official Seal)

Name:
Designation:
Company Name:
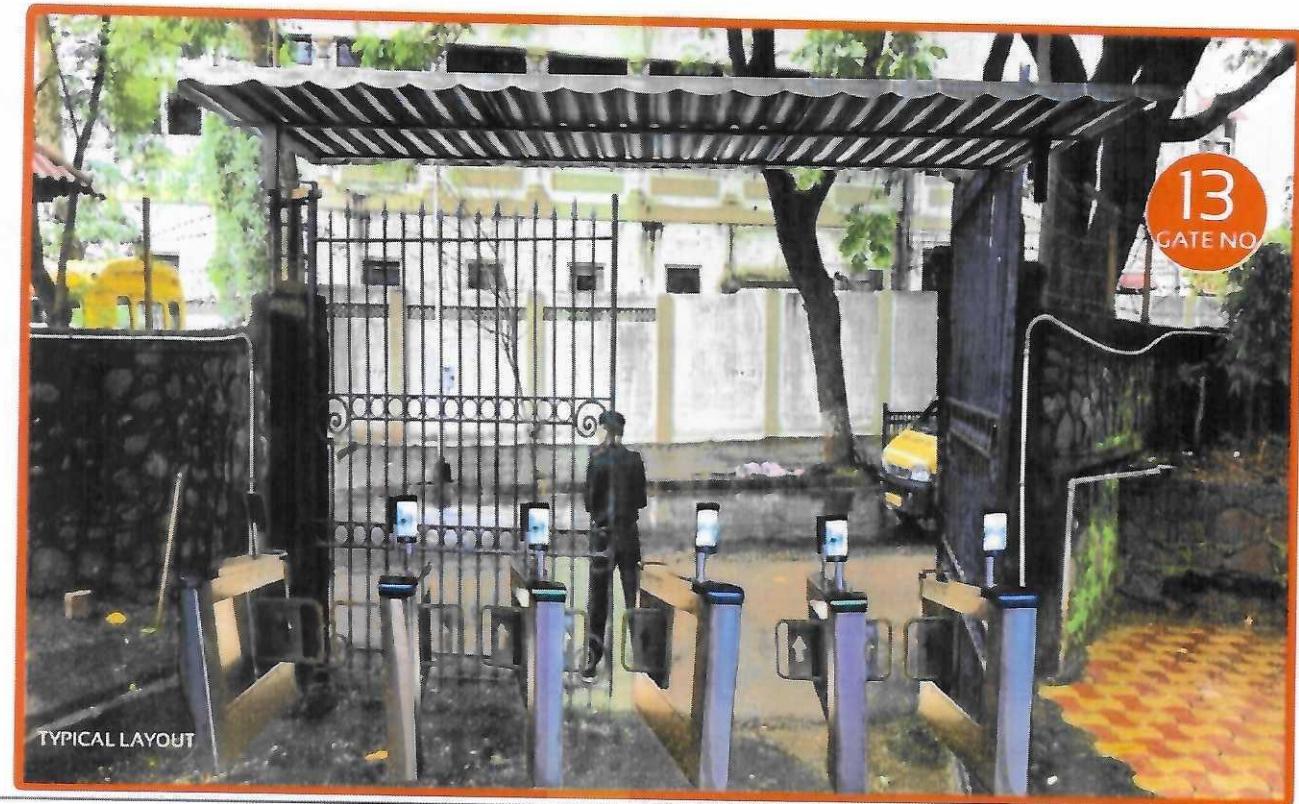Contact Details:
Email Address:
Date:

[END OF ANNEXURE – VI]

ANNEXURE – VII: SITE LAYOUT DIAGRAM

TYPICAL LAYOUT

13
GATE NO

TYPICAL LAYOUT

HOSTEL GATE

3
GATE NO

7.1 Sustainability Requirements

- All materials RoHS compliant; provide e-waste disposal plan per E-Waste (Management) Rules, 2022.
- Energy-efficient components (e.g., LED indicators, low-power modes, ≥80% power supply efficiency).

7.2 Frequently Asked Questions (FAQs)

Q1: Can MSMEs claim EMD exemption? A: Yes, (Bidders submitting a valid MSME/Udyam Certificate will get an exemption of ₹25,000/- from the EMD amount. They will be required to pay only the balance amount.)

Q2: What if dates change? A: Check portal for corrigenda.

Q3: Is prototype demo required? A: VJTI may request for top 3 technical bidders.

Q4: Data privacy? A: Mandatory DPDP Act compliance; no cloud storage without consent.

7.3 Glossary of Technical Terms

- **FRT:** Face Recognition Terminal - Device for biometric access.
- **VMS:** Video Management System - Centralized software for monitoring.
- **MCBF:** Mean Cycles Between Failures - Reliability metric.
- **ONVIF:** Open Network Video Interface Forum - Standard for IP device integration.
- **DPDP Act:** Digital Personal Data Protection Act, 2023 - Indian data privacy law.
- **RPwD Act:** Rights of Persons with Disabilities Act, 2016 - Accessibility law.
- **AES-256:** Advanced Encryption Standard - Data security protocol.