

PROPOSAL

Lumo Elections

Secure Electronic Voting Platform for Schools, Organizations and Companies

A professional onsite election solution built with voter verification, OTP validation, digital ballot screens, admin control, engine room projection and real-time statistical reporting.

One Voter, One Vote	OTP Verification	Live Projections
Prevents duplicate voting attempts.	Controls access before ballot display.	Supports election monitoring and reporting.

Prepared for: Prospective Institutions, Election Committees and Corporate Organizations

Prepared by: Lumo Elections Team

Pricing Note: No amount is stated in this proposal. A separate invoice will be sent after election scope confirmation.

1. Executive Summary

Lumo Elections is a secure electronic voting platform designed to help schools, organizations and companies organize onsite elections with speed, accuracy and trust. The system replaces manual voting stress with a controlled digital process that supports voter verification, OTP validation, ballot display, vote submission, admin monitoring and statistical projections.

The platform is especially useful for institutions that need a professional election process without complicated voter handling, long manual counting periods or duplicate vote concerns. It provides a simple voting experience for voters and a strong management interface for election officers.

2. Objectives of the Proposal

- To present Lumo Elections as a reliable electronic voting solution for onsite institutional elections.
- To show how the system improves voter verification, ballot control and election monitoring.
- To explain the five core modules that support election operations from start to finish.
- To outline the security measures used to prevent duplicate voting and protect election integrity.
- To provide a clear implementation approach without stating any amount in this document.

3. About Lumo Elections

Lumo Elections is built to support organized onsite voting for institutions that require accuracy, transparency and speed. It helps election committees manage voters, candidates, positions, voting sessions and election reporting from a structured digital platform.

Voters can be verified with an approved unique identity such as Index Number, Voter ID or Staff ID. After identity verification, the system validates a system-generated OTP code before granting access to the ballot screen. This approach creates an additional access control layer and reduces unauthorized voting attempts.

4. Five Modules of Operation

The Lumo Elections system is built around five main modules. Each module supports a specific stage of the election process and works together to deliver a smooth and secure voting experience.

Module	Purpose	Key Benefit
Ballot Screen	Provides the digital voting interface where verified voters select candidates and submit their votes.	Simple voter experience with clear candidate selection.
Verification System	Checks voter identity using Index Number, Voter ID or Staff ID and validates OTP access.	Only approved voters can access the ballot.
Admin Dashboard	Allows election officers to manage voters, positions, candidates, settings, reports and election status.	Central control for the full election process.
Engine Room Projection	Displays controlled election progress and monitoring views for the election command center.	Supports supervision and stakeholder confidence.
Statistical Projections	Provides live turnout, voting progress, summaries and result-related statistical views.	Quick insights for election officers and administrators.

5. Voter Verification and Voting Process

The voting process is designed to be straightforward for voters and easy to supervise by election officers. The process can be adapted to fit the structure of each institution.

1. Voter arrives at the election center or voting point.
2. The voter is identified using Index Number, Voter ID or Staff ID.
3. The system checks the voter record against the approved voter register.
4. A system-generated OTP code is validated before ballot access is granted.
5. The voter selects preferred candidates or options on the ballot screen.
6. The vote is submitted securely and the voter is marked as voted.
7. The system blocks any further voting attempt by the same voter.

6. Security and Election Integrity

Election integrity is a major part of Lumo Elections. The platform includes controls that help prevent unauthorized access, duplicate voting and poor voter tracking.

Verified Voters Only	Only voters found in the approved voter register can proceed to the ballot screen.
OTP Access Control	The system validates a secure OTP before allowing a voter to continue.
No Duplicate Voting	After a voter submits a vote, the system marks the voter as voted and blocks another vote attempt.
Admin Control	Election administrators can manage settings, voter data, positions, candidates and election progress.
Reliable Vote Records	Vote data is captured digitally to support reporting, review and audit needs.
Live Supervision	Election officers can monitor turnout, activity and projections during the voting session.

7. Suitable Election Types

Lumo Elections can be used by a wide range of institutions that need organized and credible voting. The system can be configured for single-position elections, multiple-position elections and decision-based voting.

- School prefect elections
- SRC and student leadership elections
- House, club and departmental elections
- Company staff representative elections
- Association and union elections
- Professional body elections
- Board or executive elections
- Opinion polls and approval voting

8. Benefits to Institutions

- Reduces manual ballot handling and long counting periods.
- Improves voter verification and voter-flow control.

- Prevents repeated voting by the same voter.
- Provides faster visibility into turnout and election progress.
- Improves confidence among voters, candidates and election committees.
- Supports professional reporting after the election.
- Allows election officers to manage election activities from one central dashboard.

9. Implementation Approach

The implementation process can be completed in phases depending on the size and structure of the election. The following approach is recommended for a smooth election setup:

Phase	Activity	Description
1	Election Scope Confirmation	Confirm election type, number of positions, candidate list, voter groups and voting rules.
2	Voter Data Preparation	Prepare and upload voter records with unique identifiers such as Index Number, Voter ID or Staff ID.
3	Candidate and Ballot Setup	Configure positions, candidates, ballot arrangement and voting instructions.
4	System Testing	Run test voting sessions to confirm verification, OTP flow, ballot screen and projection views.
5	Election Day Support	Provide technical support for verification, voting flow, admin dashboard and projection monitoring.
6	Reporting and Closure	Generate election summaries, turnout insights and result-related reports after voting closes.

10. Required Client Information

To prepare the platform for an election, the institution is expected to provide the following information where applicable:

- Election name and election date.
- List of positions or voting categories.
- Candidate names, photos and position details.
- Voter register with unique voter identifiers.
- Voting rules, opening time and closing time.
- Preferred projection and reporting requirements.
- Contact persons for election coordination.

11. Scope Notes

- This proposal focuses on the use of Lumo Elections as an onsite electronic voting platform.
- The final technical setup may be adjusted based on the institution's voter population, number of positions and reporting needs.
- Training and election-day support can be planned according to the agreed election arrangement.

- No amount is included in this proposal. A separate invoice will be sent after the final scope is confirmed.

12. Pricing and Invoice Notice

This proposal does not include any amount, quotation or pricing table. The cost of implementation will depend on the final election scope, voter population, number of voting categories, support needs and reporting requirements.

A separate invoice will be sent after the institution confirms the election requirements and implementation scope.

13. Conclusion

Lumo Elections provides a secure and professional way for schools, organizations and companies to conduct onsite elections with confidence. With voter verification, OTP validation, one-voter-one-vote control, admin dashboard, projection display and statistical reporting, the platform gives election committees the tools they need to manage elections effectively.

We look forward to supporting your institution with a smooth, transparent and well-organized electronic voting experience.

Prepared By:

Lumo Elections Team

Client / Institution:

Date:
