**User Stories for Each Requirement:**

**Major User Requirements:**

**1. Browse and Search Tender Proposal**

* As a Company, I want to browse and search tender proposals, so that I can find relevant opportunities to bid on.
* As a Citizen, I want to browse and search tender information, so that I can stay informed about public projects in my city.
* As a City Staff, I want to search and review tender proposals, so that I can efficiently manage and monitor ongoing tenders.

**2. Register, Update, and Delete Tender**

* As a City Staff, I want to register, update, or delete tender details, so that the system reflects accurate and current project information.
* As a Company, I want to receive notifications when tenders are updated, so that I can adjust my bidding strategy promptly.
* As a Citizen, I want to see a history of tender updates, so that I can track changes and ensure transparency in public projects.

**3. Bid for a Tender**

* As a Company, I want to submit bidding prices and application documents, so that I can compete fairly for tenders.
* As a City Staff, I want companies to submit bids electronically, so that I can collect and compare proposals efficiently.
* As a Citizen, I want bids to be submitted transparently, so that I can trust the fairness of the tender process.

**4. Open Tender and Decide Winner**

* As a City Staff, I want to review company registration details and application documents before selecting a winner, so that I can ensure compliance with requirements.
* As a Company, I want the city to evaluate my documents fairly, so that I have a fair chance of winning the tender.
* As a Citizen, I want the city to justify its decision publicly, so that I can trust the integrity of the selection process.

**5. Browse Tender Information and Results**

* As a Citizen, I want to view the list of bidding companies and their prices, so that I can monitor competition and outcomes.
* As a Company, I want to see the winning bidder’s name and price, so that I can analyze market trends for future bids.
* As a City Staff, I want to publish tender results openly, so that citizens and companies trust the system’s transparency.

**Systematization Requests:**

**6. Public Time Management**

* As a Company, I want to see the official public time on the system, so that I never miss bidding deadlines.
* As a City Staff, I want all tender timelines tied to the public clock, so that schedules are standardized and enforceable.
* As a Citizen, I want deadlines displayed clearly, so that I can track project progress in real-time.

**7. Login with ID and Password**

* As a City Staff, I want to log in with my unique ID and password, so that my actions are securely tracked.
* As a Company, I want a single company ID to access the system, so that all employees use one authenticated account.
* As a Citizen, I want to browse tender data without logging in, so that access remains simple and open.

**8. User-Friendly Interface**

* As a Company, I want clear instructions and minimal steps to submit bids, so that even non-technical users can participate.
* As a City Staff, I want intuitive menus and error prompts, so that I can manage tenders without extensive training.
* As a Citizen, I want a simple search interface, so that I can find tender details quickly.

**9. Utilize Company Registration Data**

* As a Company, I want my pre-registered information auto-filled in bids, so that I save time and reduce errors.
* As a City Staff, I want access to verified company data, so that I can validate bidders efficiently.
* As a Citizen, I want to see registered company profiles, so that I can assess the credibility of bidders.

**10. Confirmation Step for Critical Actions**

* As a Company, I want a confirmation prompt before submitting bids, so that I avoid accidental errors.
* As a City Staff, I want to double-check before deleting tenders, so that critical data isn’t lost.
* As a Citizen, I want changes to public tender data confirmed, so that I trust the information’s accuracy.

**Security:**

**11. Account Authentication**

* As a City Staff, I want to authenticate my account with a password, so that sensitive tender operations are secure.
* As a Company, I want password-protected access, so that only authorized employees can submit bids.
* As a Citizen, I want to view data without authentication, so that transparency is maintained.

**12. Password Attempt Limits**

* As a Company, I want my account locked after five failed password attempts, so that unauthorized access is prevented.
* As a City Staff, I want to manually unlock accounts, so that security breaches are controlled.
* As a Citizen, I want the system to enforce strict login rules, so that public data remains secure.