**E-Procurement**

**Abstract:**

E-Procurement is the business-to-business or business-to-consumer or business-to-government purchase and sale of supplies, work, and services through the Internet as well as other information and networking systems, such as electronic data interchange and enterprise resource planning. Procurement is generally regarded as a sensitive function in the public sec-tor and is rarely transparent. It is for this reason that public procurement is one of the areas in governance that remains insulated against any process improvements. Governments the world-over are under constant pressure to meet the expectations of the citizens and to do more with the less resources that are available to them. There is a growing realisation in governments that usage of information and communication technology (ICT) can remove the existing administrative barriers and make the government’s procurements more efficient, accessible and transparent, besides being cost-effective. E-procurement implementation is an attractive quick-win solution for governments, since it results in cost cutting, introduces different sourcing practices, and delivers other quantifiable benefits. However, there is little history of extensive use of e-procurement in the public sector in India. The present case study highlights the successful implementation of a state-wide e-procurement platform across several government departments, public sector units, urban local bodies in the state and the quantifiable benefits it has delivered to the suppliers and the government directly, and to the society, indirectly. This path breaking initiative has provided transparency, fairness and equal opportunity to private entrepreneurs who are now able to submit bids online on an anywhere and anytime basis for government contracts and sell products or expertise to government agencies through the e-procurement portal.

**Functional Requirements:**

* Electronic tendering.
* Publication of notice inviting tenders (NIT)/Invitation for bids (IFB).
* Issue of tender documents to prospective tenderer.
* Submission of tenders.
* Receipt of tenders.
* Evaluation of tenderer compliance to the qualification criteria.
* Opening of price bids of qualified tenderer.
* Approval of tender.
* Issue of purchase order.
* Contract management.
* Rate contract based procurement.

**Existing System:**

Existing System doesn’t provide good interaction between tender people and Govt people. Existing system is not suitable for taking more contracts from Govt or non Govt Organization. In existing system all available tender cannot be contracted by vendor because all information is not provided clearly.

**Drawback of Existing System:**

Existing system doesn’t provide good way of contracting different tender. Govt staff getting more problem to verify related tender because Vendor and Government staff cannot get proper details.

**Proposed System:**

Proposed system is user friendly. Proposed system provides more security for different type of user. Our propose System provide all facility related to vendor and Govt Staff. They all can view available tender details.

**Benefits Of Proposed System:**

Proposed system is user friendly.

Proposed System Provide more Security.

**Modules:**

1. **Admin Module**
2. **Govt PWD user Module**
3. **Govt Senior Officer Module**

**1. Admin Module:**

 Admin can login with username and password then he/she can add tender and emp can register.

 **2. GOVT PWD user Module:**

 Govt Pwd user can view tender details, vender details after login.

**3. Govt Senior Officer Module:**

 Govt Senior Officer can view tender details ,vender details after login.

**Tools and Technologies:**

**Software Requirements:**

* Operating System : Windows XP/7/8
* Language : Java, HTML
* Technology : JDBC, Servlet, JSP
* Scripting Language : Java Script
* Web Server : Apache Tomcat
* Database : MYSQL 6.0

**Hardware Requirements:**

* Processor : Pentium
* RAM : 1GB
* Hard Disk : 20 GB
* Key Board : Standard Windows Keyboard
* Mouse : Two or Three Button Mouse
* Monitor : SVGA