ABSTRACT

Information technology plays an important role in improving the quality of a company. Its use not only as an automated process to access information, but created the accuracy, speed, and completeness of an integrated system, so that business processes can have an efficient, scalable, flexible.

E-procurement is an activity of buying and selling of goods and services in the form of business-to-business or business-to-consumer via the Internet or other networking systems and information, such as Electronic Data Interchange. The main purpose of e-procurement implementation is to improve efficiency are accompanied by transparency, public accountability and direct vendor participation in the implementation of the procurement of goods and services

PT. Telkom is a company engaged in the provision of telecommunications services, in general, PT. TELKOM has 3 (three) main divisions namely Enterprise division that serves corporate customers where, Bussines division serving small and medium sized companies and divisions that serve the retail consumer. In the consumer division section which acts as a provider of logistics services such as procurement of goods and or services to users.

System development method used by researchers is the waterfall. To design the process used Flowmap, Diagram context, Data Flow Diagrams and Data Dictionary. In database design, beginning with Normalization, Entity Relationship Diagrams and Table Relationships. While the researchers to design programs using PHP and MySQL. The design of this system is expected to solve problems so, can be useful for parties - parties concerned.

Keywords: Information Systems, E-procurement, waterfall.