INTISARI

Sistem lelang adalah suatu sistem didalam suatu organisasi yang digunakan untuk proses membeli dan menjual barang atau jasa dengan cara menawarkan kepada penawar, peserta lelang memberikan penawaran harga lebih tinggi, dan kemudian barang terjual kepada penawar harga tertinggi pengguna sistem. Sistem lelang kendaraan inventaris di PDAM TIRTA SATRIA saat ini masih menggunakan sistem pelalangan secara manual dan bersifat offline sehingga kurang efektif dan efisien dalam pelaksanaan lelang kendaraan inventaris. Penelitian ini bertujuan membangun sistem otomatisasi lelang kendaraan inventaris berbasis website di PDAM TIRTA SATRIA yang dapat mempermudah proses pelelangan dengan cepat, tepat, akurat, informatif dan memiliki sistem penyimpanan server lokal. Perencanaan aplikasi lelang kendaraan inventaris berbasis website dibangun menggunakan framework codeigniter dan menggunakan metode pengembangan sistem Rapid Application Development (RAD). Hasil dari penelitian ini adalah aplikasi berbasis website untuk mengelola lelang kendaraan inventaris di PDAM TIRTA SATRIA.

Kata kunci: Aplikasi Lelang, Codeigniter, RAD, Web.

ABSTRACT

The auction system is a system within an organization that is used for the process of buying and selling goods or services by offering to bidders, bidders bid a higher price, and then the goods are sold to the highest bidder at the system user. The inventory vehicle auction system at PDAM TIRTA SATRIA currently still uses a manual and offline auction system so that it is less effective and efficient in carrying out inventory vehicle auctions. This study aims to build a websaite-based inventory vehicle auction automation system at PDAM TIRTA SATRIA that can simplify the auction process quickly, precisely, accurately, informatively and has a local server storage system. Website-based inventory vehicle auction application planning is built using the codeigniter framework and using the Rapid Application Development (RAD) system development method. The result of this research is a website-based application for managing inventory vehicle auctions at PDAM TIRTA SATRIA.

Keywords: Auction Application, Codeigniter, RAD, Web.