ABSTRACT

Administration of construction procurement auctions is a field that handle auctions, management of supply and management of development work of the construction for companies that would build a place that has been provided by the ZIDAM Siliwangi or organizers. Previous at Zidam Siliwangi office, the auction management is using manual process, such as providing information of the auction and winner announcement use public bulletin boards, reports of information does not save on database but book. It made number of applicants or participants who want to follow the auction is decreased due to lack of information. This application uses the PHP web programming, CodeIgniter as a framework, MySQL as the database, Systems Development Life Cycle (SDLC) with the waterfall model as a development method, and black box as testing method. The end result of this final project is software application which able to facilitate the committee for managing the procurement process and construction of the building online based is needed. The committee will manage the auction easily, knowing the data winnings by taking the price of the smallest number of the price ceiling. This application could also provide a progress report in graph of the progress of building construction services and also show interest of participants of auction.

Keywords: Construction, Ceiling Price, Applications, Online