

ABSTRACT

The use of electronic media is becoming more frequent for commercial transactions. Online auction is a prototypical example. In online auctions, bidders or agents can easily participate into many different transactions simultaneously and the number of bidders participating in a given transaction is not limited. This development in technology could also be used in the construction industry by introducing a program designed for the electronic submission of construction project bids using an e-bidding system. The study aims to improve the bidding process by designing a computer program to be used specifically for the e-submission of construction project bids, as the research showed that even small construction companies would want to use such a system, but it should still be cost effective since not all would want to spend more upon the use of such a system. The program effectively functions with the electronic submission of bids, making it more convenient but it was found that it cannot reduce the bid duration successfully since it will still vary depending on the owner of the project. Further studies could be done on the improvement of the project.