ABSTRACT

AUCTION INFORMATION SYSTEM
IN CONSULTANTS AND CONTACTORS OFFICE
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Sarana Mulia Hakiki is a company specializing in the field of consultants and contractors. The process of procurement of goods from the supplier is one of the main activities. However, there are problems in the process of procurement of goods taking place currently, documentation has not yet been made and stored properly that is still made up of some of the data in the form of excel, word, and writing manuals. So it is quite complicate the logistics in composing and performing the search data. In addition, the process of procurement of goods also require a decision support system to determine the winner in the best supplier project procurement of goods. During this process, the selection of suppliers based on price only visible aspect. While, Sarana Mulia Hakiki does not want any complaints from the owner of the project because the quality is not appropriate.

Based on the above issues, then the auction information system built to meet the needs in the Office Sarana Mulia Hakiki. This system was built to improve the documentation of the process of procurement of goods. While as a solution supplier in determining the best, this information system using AHP method (analythical Hierarchy Process) as decision support systems. This method to calculate the weighting of each criterion so that the resulting value of the performance of suppliers for each supplier.

This system has passed the testing stage in Office means noble essential. From the results of testing, this system can help improve documentation of procurement of goods as well as the system has been able to provide recommendations based on best supplier in the determination of the value of the performance of each supplier.

Keywords: Information Systems, AHP, Supplier, Auctions, Procurement Of Goods, Decision Support Systems.