ABSTRACT

GREEN ERP DEVELOPMENT ON PROCUREMENT MODULE FOR LEATHER TANNING INDUSTRY WITH ASAP METHOD

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The demand of environmental standardization for the export of goods makes the leather tannery should pay attention to every existing business activity with its impact on the environment. The impact on the environment can be minimized with well managed and monitored business activities. Monitoring of business activities carried out with the concept of green procurement. Objectives to be achieved from the application of this concept is an application to consider the environmental impact in raw materials procurement process from suppliers at PT. Elco Indonesia Sejahtera.

PT. Elco Indonesia Sejahtera is a leather tanning industry with finished leather products (sheep, goat, and cow leather) for garments, gloves and leather goods. The company began operations in 1992.

In material purchasing process of PT. Elco Indonesia Sejahtera has several problems such as still found differences in recording between goods requested, goods ordered, and goods received. While in the material inventory process, has not been integrated with the purchasing division so the exchange of material data and the delivery of information is not real time which causes disruption of the performance process of the purchasing division with inventory division and related divisions. Besides, the system of procurement system with production system and distribution system related to raw materials company procurement with suppliers has not been integrated.

This research focus on green procurement systems. This green procurement system will develop with Enterprise Resouce Planning (ERP) based on procurement module (purchase module and inventory module) using Odoo with ASAP method. This green procurement system will be integrated with green production and green sales & distribution system.

Within the development of ERP system based on Odoo for purchase and inventory modules, procurement activities can be well documented, high adaptability and reduced costs. Processing data into information and output in the form of reports can be used as a reference in decision making.

Keywords: Green Procurement, ERP, Odoo, Purchase, Inventory, ASAP.