

ABSTRACT

PT. Bumi Sari Prima is one of the companies that use stock in running its operations. Based on the information obtained from the company, the company does not have any special methods in planning inventories. During this PT. Bumi Sari Prima only planned inventory based on experience and intuition. So frequently encountered problems in the company, namely the accumulation of goods.

Lot Sizing Method is an approach that can be done to plan for stock in the company. Election lot sizing techniques appropriate to the condition of the company will be able to help companies be more effective in planning inventor.

Lot sizing approach taken is to use the lot for lot method, silver meal, least unit cost, as well as within wagner. Based on the analysis, it is the fourth best method to be recommended to the companies in this study. But for on the field, the company should be more use methods Lot For Lot for raw material planning process, because the method is closer to the company's current situation. This is because when seen in the course of the work methods Lot For Lot used because this method is used for the high price of goods per item of his. On the application of information systems, with the condition of the calculation and processing algorithms Lot For Lot easier than other methods, it can be the best decision the company should the company to plan inventory.

Additionally plus an application that allows companies to plan inventory so hopefully the conditions will be more effective company with the application of information systems and the use of the method chosen for inventory planning.

Keywords : inventory, lot size, lot for lot