

ABSTRACT

This project represents how to manage the goldsmith shop by using the optimum resources. For the optimum resources, they can be found by using the many methods.

It represents the wish of author and why he creates this project. And it also represents the objectives and deliverables of this project such as standard time, trend of order, real capacity need, optimum alternative, and the ways to have the high profit.

The suitable methods that have been selected to use in this project are forecasting Methods, A Job Measurement, The Time Value of Money, Break-even Analysis, and The Linear Programming Sensitivity Analysis.

It has the gold information, such as gold density. The list of study products that select from varies products in the shop and the process of produce that products. The shop's order will be decreased because of the economy and the price of gold. The standard time that is already set for the each type of work.

The shop should reduce the capacity over need by lying off 1 worker of open framer that saves cost of 191,200 bahts and 1 worker of carver that saves cost of 154,200 bahts and shop should select the new alternative to reorganize the shop because the shop can save the cost for 444,195 bahts.

The profit interest of existing shop is 8.90 percents that is higher than inflation and bank's interest rate. The ways to create the highest profit are produce the small frame of Buddha image as much as possible and buying the gold in the low price period.

It suggests the way to develop the shop management, the problem of the project, some, and the way to more improving such as reorganizing, produce more the small of Buddha image, find the more information of shop's order, using Router Method, etc.