

ABSTRACT

IT Telkom is one of the education institution that need fixed assets support to run it's business processes. Computer is one of them. This asset usually used for laboratory activity, lecture facility, and administration necessary that spend 18% of total budget. It is fulfill with direct purchase. The impacts are depreciation cost and high price for maintenance. Beside that, the computer technology that always increase very fast year by year causes the decrease of residual value that happen because of the latest technology replace the one. It makes IT Telkom find the alternatives. One of them is rent.

Rent usually used by service companies. IT Telkom ever used this for car rental. There are many benefits we can get from doing rent such as capital retrenchment, more flexible, cash flow advantage, and easy documentation. All of these make rent can be a good alternative. In this Final Assessment, the writer tries to compare the saving cost level between purchase and rent. The method used for this is differential method. The differential cost and differential investment are 2 of the method used for this. This method helps to separate the components into the alternative cost.

The comparison between these two alternatives can be look by the comparison of the variables. For purchase alternative, the influence variables are the total computer needed, investment cost, depreciation cost, maintenance cost, economic life, and residual value. For the rent one, the influence variables are rent cost, the contract time, market price , and repurchase price. To make a calculation between these two alternatives, we need general variables, like cash flow, interest rate, and taxes. These variables then will be calculate using *Net Present Value* and *Break Event Point*. From the calculation, we got Rp 878.353.481,48 for purchase option and 1.266.556.666,67 for rent option. The gap between these cost is (Rp 388.203.185,19). We can tell then that purchase is more effective. That result can be completed with using BEP value. The BEP calculation proves that rent alternative more profitable with interest rate more than 34,74%. To help the institute analyze the option in the future, I bundle the software about analyzing rent or purchase option.

Keywords : *differential method, Net Present Value, Break Event Point, rent*