A COMPARATIVE STUDY ON NPV AND IRR METHOD; WHICH ONE IS MORE APPLICABLE IN DECISION MAKING.

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ABSTRACT

I had chosed the topic on the decision making process, especially in the capital budgeting because I had been attracted to the argument of using either Net Present Value(NPV) or Internal Rate of Return(IRR) method in capital budgeting decision making. It had been argued that NPV is superior to that of IRR method but according to the study and research conducted, the number of firms using either one of both method are almost equal. There should be pros and contras supporting the use of the selected method.

There are two major problems that posed setbacks throughout the preparation of this project paper. The problems were time constraints and availability of information, especially primary/first hand information. A comprehensive and thorough study on a topic of capital budgeting decision process could not be covered in four to five months period especially during the practical training period. Only after that period had ended, I could concentrate on the preparation of the project paper.

While the officers interviewed or asked had refused to reveal the real situation happened in their capital budgeting decision. They said that it was against their companies' policy to release any information regarding the subject mater.

Data collection for the topic were gathered by setting relevant questionnaires to be distributed and answered by a selected respondents. Interviews with some financial officers were also conducted and this face to face meetings were more effective as the answers to the questions asked could be explained in detail.

Besides having information from primary sources, data was also gathered from books, newsletters, magazines and periodicals.

This project paper concerned on the comparative study on NPV and IRR method used in the capital budgeting decision. The objective of investment/capital budgeting is to find real assets which are worth more than they cost. The research had revealed that whether to use NPV or IRR, consideration should be given to the sources of fund available to the company.

If a project is financed by using internal sources of fund i.e reserves, then the company normally use NPV method which concern with the time value of money. However, by using other sources of fund such as varieties of loans, the company normally use IRR method to ensure that the rate of return from the investment will exceed the cost of capital. While other methods such as Pay Back Period, Accounting Rate

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