

ABSTRACT

Procurement management is an important part of the construction industry. The procurement process on the construction project occur during the construction phase. The selection of generators in the thamrinnine project carried out through tender process and very risky if the process is not carried out properly due to the distributors who participate in the tender have different classifications. The developers shall take control to ensure that the specification of generators that required at the thamrinnine project is valid in order to avoid any errors may occur in selection of generators process. There are three criteria may influence the selection of generators i.e. economic criteria, environment criteria, and technical criteria. The method to analyze the three criteria is Analytic Hierrarchy Process (AHP) which has several stages of assessment that is pairwise comparison, normalization, *eigen vector* determination, consistency test, and priority value. The purpose of this study is to determine the criteria that influence the selection of generators and to discover the results of the analysis of the criteria on the hierarchi structure of the selection of generators on the project Thamrin Nine Development Jakarta.

Keyword: Thamrin Nine Project, Electrical Equipment, Analytic Hierrarchy Process, Material Selection: