ABSTRACT

Supplier selection is th one of things that is always discussed in the company especially if the company engaged in the field of logistics. Good suppliers and can be work together on an ongoing basis much can be seen by the company. Therefore, it’s necessary to have a tool that can be assist the selection process of some suppliers. The suppliers selection problems currently occur in PT.INTI (Persero) which is one of the companies which are engaged in manufacturing and telecommunication of service. In logistics and distribution services PT.INTI has a position as a distributor of goods ordered by the end consumers (Ongoing Project). Where in this case PT.INTI role as a distributor has a relationship with the main suppliers in terms of distribution of goods or can be called a supplier. In the ongoing selection process, will use the decision making media where this media will assist the supplier selection process by AHP (Analytical Hierarchy Process) method. The data used is the data of the interview result directly used as hierarchy structure and questionnaires for data processing. The hierarchy structure in this case has 3 levels. Level 0 is the goal, level 1 is the supporting criteria, level 2 is the supporting sub-criteria, and level 3 is the suppliers alternative. Alternative suppliers obtained are is PT.INTI G.O.C, PT.C.C.S.I, PT.HUAWEI, and PT.FOXTEL. Through data processing that produces weighting, then get the best supplier that meets the specification is PT.INTI G.O.C which has a higher weight value compared with the other suppliers.

Keywords : Supplier Selection, Hierarchy Structure, and AHP (Analytical Hierarchy Process).