

## ***ABSTRACT***

PT. Sandy Globalindo (SND) is one of the spare part manufacturers in Indonesia. The number of raw material requirements needed by PT. Sandy Globalindo (SND) in the manufacturing of various products make the dependence on any supplier high. There are three suppliers that become SND selection namely Sinar Logam, Surya Logam, and Maju Jaya Teknik. These three suppliers have advantages and disadvantages of each. In this study, SND is expected to be able to know the indicators required along with its weight in the selection of suppliers

The method used in this study are interviews and AHP (Analytical Hierarchy Process) by using tools such as Expert Choice and then giving questionnaires to sources that are directly related to the selection of suppliers on SND company. Expectations of the answers given can choose the best supplier in accordance with the needs of the company itself.

The indicators needed by SND in choosing suppliers are Quality with a weight of 31.5%, Price with a weight of 23.6%, On-Time Performance with a weight of 14.8%, Production Facility and Capacity with a weight of 9.7%, Geographical Location with a weight of 7%, Pricing Terms with a weight of 4.5%, Information Coordination Capability with a weight of 3.4%, Quality Systems and Process with a weight of 2.3%, Delivery Frequency 1.8% by weight, and Supply Flexibility with a weight of 1 , 4% while each supplier has their respective advantages such as *Surya Logam* that has an advantage in Quality by weight of 30.4%, Information Coordination Capability with a weight of 15.9%, and the Quality System and Process with a weight of 11.3%. *Sinar Logam* has an advantage in On-Time Performance with a weight of 27.7%, Product Facility and Capacity with a weight of 12.1%, and Geographical Location with a weight of 7.3%. *Maju Jaya Teknik* has the advantage on the side of Price with a weight of 29%, Pricing Terms with weights of 17.2%, Delivery Frequency 3.2% by weight, and Supply Flexibility with a weight of 22%.

*Keywords: AHP (Analytical Hierarchy Process), Automotive Industry, Supplier Selection.*