CHOICE OF CONTRACTOR FOR CONSTRUCTION BY USING AHP METHOD CASE STUDY IN PROJECT OF PLN

ABSTRACT

PT. PLN (Persero) is government agent have job supply of electrical energy. Consumption of electrical energy in Indonesia every year increase according with growth up of electrical energy. For memenuhi consumption kebutuhan of electrical energy PT. PLN (Persero) development of project of electricity i.e Sub station Electrical Extra High Voltage 500 kV, Sub Station High Voltage 150 kV, transmission line 150 kV and 500 kV, Under ground Cable 150 kV and Sub Marine Cable 150 kV.

Furthermore implementation of that PT. PLN (Persero) have been of Panitia Pengadaan Barang dan Jasa to do of Pengadaan Barang dan Jasa with choice of contractor the principle of some criteria. Choice of contractor became factor most importance because good choice of contractor will be dapat diperoleh keuntungan yang optimum. Process of decision maker againts of case always of choice criteria have been selected to accurate. Cause from decision maker will be appear menimbulkan sejumlah biaya and risk yang semestinya dapat dihindari.

For the reason, case study are merupakan suatu usaha for helping company dalam mencapai hasil yang optimum. Metode yang dapat dipakai untuk melakukan evaluasi ketika pengambil keputusan dalam menentukan kontraktor. Dalam studi kasus ini panitia pengadaan barang dan jasa menggunakan metode AHP untuk mengevaluasi criteria – kriteria yang ditentukan dalam pemilihan kontraktor.

CHOICE OF PROFESSION SYSTEM BY USING AHP METHODS.

Simulation of choice of profession by using AHP method has been made. In this simulation of choice the profession of Sub Division in an Institute will be decide. The criteria in this simulation is: managerial skill, responsibly, team work, discipline, and motivation. The name of the candidates to be pseudonym. Decision of the simulation by using Analytical Hierarchy Process (AHP). The solution method consist of: a. Criteria priority, b. Score of candidates, c. Making matrices of criteria priority and score of candidates, d. Matrices calculation by using AHP computation. The final total score of the candidates will be useful for global priority of profession.

Keywords: Choice system, priority, criteria of choice, global priority, Analytical Hierarchy Process.