

Abstract

Decision Support System is a computational attribute's value process from data collection, afterwards it got result which data is better than others, with that result it can make easier for decision maker to make decision. It is also with this Final Project where this Decision Support System is implemented into Dinas Pemukiman dan Prasarana Daerah (Kimprasda) Ciamis, for tool assistance to appoint an auction winner, either in pre qualification phase and also post qualification phase by using Electre and Topsis Method. This matter because of in taking decision by decision maker about auction winner requiring huge time and big effort. After the test with several weight value is done, this testing result shows that both methods can be used to make decision about auction winner with accuracy level up to 77,39%. This accuracy level is computed by comparing contractor's rank result from this system with contractor's rank result from manual system which has been done before.

Key words : *decision support system, electre, auction ,topsis, Kimprasda.*