

Abstract

Development execution fair represent one of governmental effort to increase the prosperity socializes. Executed development project will be done by service of project developer which has been selected by Dinas Pekerjaan Umum. Executed development project can in the form of repair and enlargement road, bridge repair and others. Use of contract service for the project will through selection base on criterions which have been determined, and the mentioned represent problem faced by Dinas Pekerjaan Umum.

Used method for selection service of project developer use the Analytical Hierarchy Process (AHP) to process weight and the Elimination Et Choix Traduisant La Realite III (ELECTRE III) for the selection and also rank all alternative as according to weight got from calculation AHP, so that be expected earn to assist in make decisioning election of adequate developer service.

Decision Support System earn to assist government increase the decision quality and can yield optimal selection decision compared to old system. Pursuant to result quisioner from Dinas Pekerjaan Umum reach 75 % from satisfaction level.

Keyword : *Decision Support System, Developer Service, Analytical Hierarchy Process (AHP), Elimination Et Choix Traduisant La Realite III (ELECTRE III).*