

Abstraction

One project hold by PT Eltran Indonesia on May 2006 is substitution from Air Cable to Ground Cable in Gedebage-Nagreg-Lebak Jero - Lintas Bandung –Banjar Station. This project must be has very tide schedule because target to finish this work have made by consumer to be tide, also for the cost and material control and performance from project's quality. As we know project's purpose divided into three dimensions; time, cost and performance. The project's result must be suite with goals specification and criteria and project finish must be suite with the time. PT Eltran Indonesia as tender's winner has a target exactly in this project and wants to give a consistent, effective and affiance to the customer satisfaction.

But in realization, there's cost deviation in this project from the plan. The cost in project is more high than budgeting project The project budget without overhead is Rp. 3.914.947,943 but the cost project without overhead is Rp 4.017.317.639. For easy know deviation in project, need Evaluation project with performance method with help design application evaluation project

Several things must be doing to solve the problem divided into five steps; identification, first research, data work and evaluation design/project control, analysis, conclusion and suggestion. Identification step consist of problem identification to be reached. In the first research step start to do literature study and study research object. Data work and evaluation design/project controlling consist of collecting data, systems analyze and information system design and data work with information system. The next step is analysis, the analyses are process analysis, variances analysis and performance every week, next step is conclusion and suggestion.

Design of project evaluation begin with identify user needs, input and output, and based on those identifies information system is designed which use for evaluating substitution from Air Cable to Ground Cable Project in Gedebage Nagreg Lebak Jero lintas Bandung Banjar's stations. This application's outputs are S diagrams (BCWS, BCWP, and ACWP) and Variance (CV, SV). Based from this output analyze for system performance and deviation factor are held.

The research's conclusions are system evaluation design/ project control produce information system to make project leader and another user who have relation in evaluation and control project uses performance method easier. Equalization performance are between planning and project realization by input value in planning and realization to application have been made so can produce S diagrams (BCWS, BCWP, and ACWP) and Variance Analyze (CV, SV). There are a lot of factor make unharmonious between planning and project realization such as materials are late arrive in project location (major factor) that make some jobs delay, resource amount not suitable as in planning, can not supply workers when necessary. Weeks after this delay this weakness covering are held by increase the workers amount and buy a material as much as project need.

Key words: Evaluation Project Planning, Performance Analyze, CV, SV, CPI, and SPI.