ANALYSIS OF ROAD IMPROVEMENT PROJECT RISK PERCEPTION IN JAYAPURA (PAPUA PROVINCE)

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ABSTRACT

Project risk is an uncertainty situation or condition, when it is occurs, it has a positive or negative effect on project. Based on the reality, some contractor are facing problem in road improvement project, such as delays on project, delays in administration contract, unsuitable quality of work by specification. It is caused by several things, such as human resources that do not have ability, geographical condition and topography in Papua area which is so tough. From above condition, risk that being faced by contractor are various, therefore there is a need of assess contractor risk perception in road improvement project construction implementation.

The purpose of this study was to find out every risks perception in the road improvement projects. Objects of this research were contractors that having relation in the implementation of road improvement project at Jayapura in Papua Province, meanwhile the respondent were project managers and field supervisors that being involved in the road improvement project implementation. Data were collected using questionnaire in order to find out its probability perception and event effect. Data were analyzed by using probability impact grid to determine risk perception level.

The results showed that the level of risks were mostly classified as medium risk. The top 10 perceived risk were : expanding scope of work, delay material from supplier; shortage material supply, difficulty in using design and technology, inappropriate material delivery, specification changing by owner, difficulty in obtaining material and tools, increasing inadequate of material price, inappropriate information and data, supply of human resources management. Risk avoidance and mitigation were the most responses taken to minimize risks.

Keywords : Contractor, Risk perception, Risk response, Road improvement project.
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