

ABSTRACT
RISK ANALYSIS OF JAKARTA – BANDUNG *HIGH SPEED*
RAILWAY PROJECT

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Jakarta - Bandung High-Speed Railway project is one of the national strategic projects in the infrastructure sector. Undeniably, in handling construction projects, there are some major problems that are often faced. In its implementation, the construction of the High-Speed Railway project which has a very high complexity, has many risks with a large enough level of risk that can affect the project cycle either directly or indirectly which can cause the project to be hampered in its completion. There are quite a number of types of risks that may occur from the *planning*, procurement, implementation, operation, to *Maintenance* stages, so that the risks that will occur can be minimized or eliminated. Risks can usually affect the cost, time, and quality of construction projects, so it needs to be studied more deeply for the Jakarta - Bandung High-Speed Railway project. By conducting a risk analysis, it is expected that project targets that are cost-effective, timely, and of the right quality can be realized. This research was conducted by direct observation in the field, interviews, and distributing questionnaires addressed to supervisory consultants who were directly involved in this project. The analysis process carried out in this research is by using mix methods (qualitative and quantitative) to be able to provide an accurate and systematic description of a situation and the relationships that occur between the conditions under study. Of all the questionnaires collected were analyzed statistically using correlation analysis, intercorrelation, factors, regression, model tests (F, t, and Durbin Watson). While the validity and reliability test of the questionnaire was processed with the help of statistical software to determine the level of validity of the questionnaire question variabels. All data obtained from observations, interviews and questionnaires will be used for the purpose of finding conclusions about risk factors for the effect of performance of the organization. The results of this study indicate that there are several risk groups that must be faced in the Jakarta - Bandung High-Speed Railway project. The risk factors that most have an influence on the performance of the implementation of