

Development of Risk-Based Standardized WBS (Work Breakdown Structure) for Quality Planning of Flyover Works

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Abstract

Work Breakdown Structure (WBS) is a breakdown of project works into smaller components so it can be better managed. It is also known that the quality of project works is also important to controlled in order to avoid mismatch. The approaches of risk considerations are now required for the whole process on quality management. Therefore, the development of risk-based standardized WBS is proposed for quality planning of flyover works. The conducted research consists of several stages with qualitative risk analysis method. The result indicate that standardized WBS consists of 6 level, with the dominant risk variables on quality performance and recommended risk responses as the development of standardized WBS.

Keywords

Flyover, Project, Quality, Risk, WBS

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