

The Successful in Construction Project via Effectiveness of Project Team

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Abstract : The construction industry is one of the most important sectors that contribute to the nation's economy and catalyze towards the growth of other industries. However, some construction projects have not been completed on its stipulated time and duration, scope and budget due to several factors. This problem arises due to the weaknesses of human factors, especially from ineffective leadership quality practiced by project managers and contractors in managing project teams. Therefore, a construction project should impose the element of Project Team. The project team is formed in the implementation of the project which includes the project brief, project scope, customer requirements and provided designs. Many organizations in the construction sector use teams to meet today's global competition and customer expectations, however, team effectiveness evaluation is required. In insuring the construction team is successful and effectiveness, the construction department must encourage, measure, set up, and evaluate or review the effectiveness of project team that was formed. In order to produce a better outcome for a high-end project, an effective and efficient project team is required which also help in increasing overall productivity. The purpose of this study is to determine the role of team effectiveness in the construction project team based on the overall construction project performance. It examines several different factors which related to team effectiveness. It also examines the relationship between team effectiveness factor and project performance aspect. Team Effect Review and Project Performance Review are developed to be used for data collection. Data collected were analyzed using several statistical tests. Results obtained from data analysis are validated using semi-structured interviews. Besides that, a comprehensive survey were developed to assess the way construction project teams in order to maintain its effectiveness throughout the project phase. In order to determine a project successful it has been found that Project Team Leadership is the most important factor. In addition, the definition of team effectiveness in the construction project team is developed based on the perspective of project clients and project team members. The results of this study are expected to provide an idea on the factors that are needed to be focused on improving the team's effectiveness towards project performance aspects. At the same time, the definition of team effectiveness from team members and owner views has been developed in order to provide a better understanding of the word team's effectiveness in construction projects.

Keywords : project team, leadership, construction project, project successful

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