

Identification of Critical Success Factors of Construction Project

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Abstract- *The study of critical success factors is considered mean for improving effectiveness and efficiency of construction project. The successful project can be defined as "project that has achieved success in meeting the overall financial or development objectives set by project manager or Developer .Time ,cost, quality are responsible for the project performance but they are not enough for project success . but also completing the project within schedule and budget, quality of workmanship, clients and stakeholders satisfaction, modern technology, health and safety also necessary. The main purpose of this study is to identify the relationship between critical success factors and project performance through review on literature and conducting the field survey also found CSF's have different priorities and weightage. This study will helpful to identify factors which influence on success of project related to organization, managers performance, external environment. The result would be helpful to all type construction project managers or developers in taking proactive measures for successful completion of project.*

Keywords- success criteria , critical success factors, construction projects

I. INTRODUCTION

A construction project is completed successfully as a result of many jobs and interactions, planned or unplanned, over the life of a facility, with changing participants and processes in a constantly changing environment. Certain factors are more critical to project success than others. These factors are called as critical success factors (CSFs). The term "critical success factors," in the context of projects management , was first used by Rockarts (1982) and is defined as these factors gives success on projects (Sanvido et al. 1992). The development and growth of any developing countries depends on successful implementation of new projects. In India, construction industry is the second largest industry after the agriculture for giving employment. The construction industry is progressive in nature due to the changing uncertainties in technology, government budgets, and development processes. The Construction industry of India is an important indicator of the development as it creates

investment opportunities across various related sectors. The construction industry has contributed an estimated 670,778 crore to the national GDP in 2011-12 (a share of around 8%). The fundamental objective of the use of project management principles is to reduce the time lag and excessive budgets at the time to promote the quality of the final product and services provided. The project team is facing uncertain changes. The study of project success and the critical success factors (CSFs) are considered to be a means to improve the performance of project. However the of project success has remained uncertainly defined in the mind of the construction professionals. I n construction industry we are in need for accurate and consistent information at every stage due to the diversified nature of works and complex –inter related activities. Proper planning is essential for achievement of any pre-determined objective.

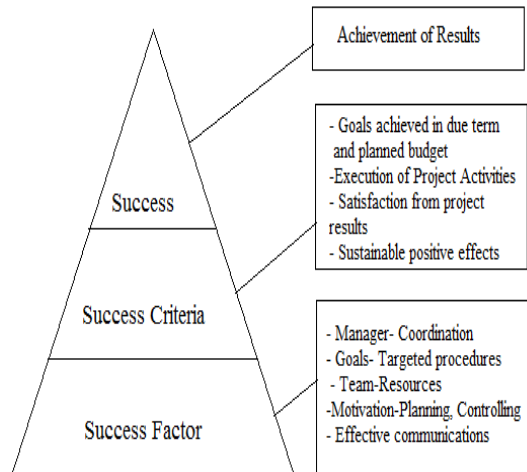
II. OBJECTIVES

- Define critical success factors that measures project success
- Identification of critical success factors contributing to success of construction project.
- Evaluate the weightage of eachCSF's using questionar survey.
- To ensure the efficiency of construction project by using CSF's.

III. RESEARCH METHODOLOGY

The tool used to achieve efficient project performance in this theisis is by providing conceptual framework. The research methodology for this study uses soe literature search, books ,conference study and journals. The variables of project success are essentially important to be identified by interviews of professors of civil engineering department and professsionals of construction industry . the questionnaire survey will be conducted through project manager, architect, engineers , contractors and builders who have experience in construction industry. The variables generated are grouped together and weightage will be given by their importance.

The conceptual model reveals the basic constructs and relationships between CSF and project success.



IV. CONCLUSION

The main objectives of this study is to define critical success factors and their impact on project success . this paper identified most CSF's by literature review and questionnaires . the most CSF's are effective decision making, site management, efforts for planning, supervision and feedback, contractors experience and communication. To improve the overall performance of any construction project , the company should try to implements these CSF's.

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