

Abstract

Title: A Study of Performance appraisal System of Construction Project
Based on the Perspective of Stakeholder

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Degree: Master of Business Administration

Major: Business Administration

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2016 / 9 / 16

A variety of stakeholders participate in the construction project from the early beginning to the final completion. As construction project is characterized by rather complicated management procedure, the need of relation coordination by various parties during the construction process and long life cycle of the whole project. During its appraisal process, contract responsibility system, percentage quantization appraisal and other appraisal methodologies are generally adopted. Although it drives the whole project in the initial implementation period of these appraisal methodologies, the current condition of market economy can no longer meet the objective demand of the current project performance appraisal as time goes by. The horizontal and vertical comparison of project on the level of management performance in particular, is quite unfavorable, and is thus in need of correction.

According to the viewpoint of the theory of stakeholders, interest demand satisfaction of all project stakeholders is exerting an increasing influence on construction project performance. This dissertation exactly takes the theory of stakeholders as the research basis and constructs an index system that adapts to the existing construction project performance appraisal. This system brings a fine representation of demand of all stakeholders, and also further helps the construction

project to maximize balanced interests of all stakeholders, displaying the highest overall appraisal score.

This dissertation firstly studies basic theories of constructing a performance appraisal index system based on stakeholders, followed by the analysis of appraisal index system of construction project performance on the basis of the theory of stakeholders. On this basis, it constructs performance appraisal system of construction project based on the perspective of stakeholders and offers its econometric model. At last, it provides a case of empirical analysis, prospect and conclusion.

Key Words: Construction project; Stakeholder; Performance appraisal system; Analytic Hierarchy Process | Introduction