

ANALYSIS OF THE CONSTRAINTS IN THE CONSTRUCTION PROJECT: A Case study

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ABSTRACT

A constraint is characterized as anything that prevents an individual or entity from moving towards or attaining its target. Consequently, proper management is necessary to reduce the constraints. Needs and limitations in a multiparty job situation create difficulties in the management of projects. Where the client is a large organization such as a public client or a corporate client, needs are diversified. Nevertheless, constraints in construction projects restrict their high-performance achievement. The purpose and scope of this project is to identify the constraints in the work environment of construction projects. This determines the root causes and discusses the correct mitigating mechanisms of project delays relevant to finance. The four key factors, namely late payments, weak cash flow control, inadequate financial capital and volatility in the financial markets. Unstable financial history for the weak financial and business management of clients, difficulty securing loans from financiers and inflation have been described as the most important underlying causes. The primary data were collected through a preliminary interview, questionnaire survey, and formal in-depth interviews. When the limitations are better known at the outset, improved performance is assumed to be guaranteed. The identification and elimination of constraints from bottleneck activities help to minimize uncertainty in construction processes and increase project management transparency. The data for this analysis will be obtained through a comprehensive survey of questionnaires. The questionnaire form is forwarded by email and in person to various construction industries. The study's aim is to effectively minimize the economic constraints that will help eliminate excessive waste and loss of both money and time due to insufficient preparation and construction project completion.