



PROJECT DESIGN MANAGEMENT, RISK MANAGEMENT AND PROJECT SUCCESS AMONG CONSTRUCTION PROJECTS IN BLOCK TECHNICAL SERVICES LTD

ABSTRACT

This study aimed to examine the relationship between project design management, risk management and project success. The objectives of the study were to examine the relationship between project design management and project success; establish the relationship between project design management and risk management; risk management and project success among; and to establish the predictive potential of project design management, risk management on project success among construction projects by Block Technical services.

The study adopted a case study research design where a quantitative research approach was also applied. A population of 35 completed projects by Block Technical services were considered. Primary data used in the study was collected using a structured questionnaire. Validity of the instrument was determined by Content Validity Index (CVI). From the field, the results were sorted, edited and entered in Statistical Package for Social Scientists (SPSS. v 20) for data processing to present frequency tables, correlation and regression models used in the analysis and interpretation of findings.

The study found out a positive relationship between project design management and project success among construction projects. Project management and risk management were also found positively associated among construction projects. The study found that there exists a positive relationship between risk management and project success among construction projects. The regression established that jointly project design management and risk management were significant predictors of project success among construction projects and also revealed that the most significant predictor of project success among construction projects is project design management.

The study concluded that jointly project design management and risk management are vital although project managers should put much attention to project design management. Recommendations included; engagement of all key stakeholders during planning; continuously conduct project planning; allocation of realistic time frames; and timely reports submission.