

Procurement Management Systems And Procurement Effectiveness in Public Aviation Agencies: A Case Study of the Civil Aviation Authority Uganda

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Keywords: *Business information systems, Procurement Management Systems, Effectiveness, Procurement effectiveness.*

Introduction

The study sought to examine the relationship between procurement management systems and procurement effectiveness in public aviation agencies with Civil Aviation Authority (CAA) Uganda as the case study.

Objectives

The study was guided by the following objectives;

1. to examine the relationship between procurement management systems and the effectiveness of procurement planning at the Civil Aviation Authority,
2. to examine the relationship between procurement management systems and the effectiveness of procurement initiation at the Civil Aviation Authority,
3. to examine the relationship between procurement management systems and the effectiveness of contract management at the Civil Aviation Authority.

Methodology

The study adopted a phenomenological research approach, cross sectional survey duration, case study strategy using both quantitative and qualitative methods. A sample of 108 from a population of 155 was used determined using Krejcie and Morgan's table. The study had 80 out of the 108 respond. The study used convenience and simple random sampling techniques. Data were collected through survey, interview and document review methods using self administered questionnaires, interview guides, and document review checklists as instruments.

Key findings

Correlation and regression results indicated a strong positive relationship between procurement management systems and the effectiveness of procurement planning at the Civil Aviation Authority given $r = 0.753$ at significance levels $p = 0.000$ less than 0.01. Next, there was a significant relationship between procurement management systems and effectiveness of procurement initiation at the Civil Aviation Authority, and a significant relationship between procurement management systems and the effectiveness of contract management at the Civil Aviation Authority.

Key recommendations

The study recommended that: The functionality of the procurement management system needs to be revised based on more inclusive entity relationship models that will allow more

stakeholder involvement; the system functionality should be adjusted to cater for more visibility of the CAA's procurement plan on the Authority's website.

Key references

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