

An Evaluation of the Impact of Cost Information Management Practices On Construction Project Performance in Nigeria

Ozavize Banwo and George Agyekum-Mensah

School of Energy, Construction & Environment

Coventry University

West Midlands, United Kingdom

banwo3@uni.coventry.ac.uk, george.mensah@coventry.ac.uk

Abstract

This study critically examines the cost information management system used in the Nigerian construction industry and its impact on project performance. It also explores and identifies the current cost information management practices in the Nigerian construction industry, the sources cost information, as well as the underlying factors responsible for poor management of construction cost information. A quantitative research method was adopted, using a structured questionnaire which was administered to practitioners in the Nigerian construction industry using a web base survey. A total of 45 responses were received from the questionnaire administered, out of which 7 were partially completed and 38 fully completed. The empirical findings revealed that many construction practitioners in Nigeria adopt in-house cost information management techniques such as QMATE Estimating Software, Microsoft Excel etc. One of the major limitations identified is the non-existence of national cost database system in the Nigerian construction industry. The study provides a comprehensive insight into how project cost information can be managed effectively to aid successful delivery of construction projects in Nigeria. It proposes strategic recommendations one of which is have an effective national cost database which construction practitioners and stakeholders draw information for project planning through to completion.

Keywords

Nigeria, Cost Information Management, Cost Information Management System, Construction Project.

Biographies

Ozavize Banwo is currently a PhD Research Student in Engineering Management in the School of Energy, Construction & Environment at Coventry University, United Kingdom. She holds a B.Tech (Hons.) degree in Quantity Surveying and M.Sc. degree in Construction Project and Cost Management. She has gained valuable work experience in the area of Quantity Surveying and Project Management Consultancy in Civil Engineering and Building Construction. She is currently a member of the Association for Project Management (APM).

Dr. George Agyekum-Mensah is currently a Senior Lecturer and the Course Director for Construction, Project and Cost Management in the School of Energy, Construction & Environment at Coventry University, United Kingdom. He is a Chartered Quantity Surveyor, Chartered Construction Manager, and Chartered Project and Commercial Manager and has varied experience in both academia and industrial practice spanning over two and half decades. He has led and managed multiple projects for many organizations of the business regions in Africa, Asia, Europe and North America. Dr. Agyekum-Mensah has many high-quality publications, and has led and managed the organization of academic conferences, seminars and also as an Editor of conference proceedings. He is currently a reviewer for notable journals and a member of two international research associations. His research interests include: Project Management and Construction, Sustainable Project Delivery Systems, Contract, Commercial and Procurement Management, Cost (Quantity Surveying) and Production Management.