The main objective of this study is to examine the adoption of e-procurement and its implication on supply chain of multinational Oil Companies using Ghana as a case study. The research employed the mixed research approach. Using a sample size of 37, data was collected and analysed. The research revealed that procurement activities in ENI oil Exploration Company involves effective planning, sourcing, and contract management. It also found that e-procurement has been adopted by employees in ENI oil Exploration Company to a large extent. Factors influencing the implementation of e-procurement in the supply chain of ENI are primarily user acceptance of new information system, as well as Information quality, trust, and risk perception. Mean ranking revealed that the major implication of e-procurement on the supply chain include centralized purchasing function, decrease in size of buying centre, altered vendors and suppliers relationship, ability to measure and monitor orders, sales personnel ability to check all sales related information on his/her computer and employees empowerment to manage purchasing and cost saving.
General terms

Multinational Firms, Transaction Management

References

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**Index Terms**

Computer Science  Information Systems

**Keywords**

E-procurement, Supply Chain, Sourcing and Maverick buying practice