

## ABSTRACT

The purpose of this study was to assess the factors influencing implementation of e-procurement in public entities: a case of Tanesco Arusha region, Tanzania. The specific objectives were to investigate the influence of top management commitment on implementation of E-procurement, to assess the influencing of supplier capacity on implementation of E-procurement and to examine the influence of information systems infrastructures on implementation of e-procurement.

The researcher used descriptive design which involves observed and described the behavior of a subject without influencing it in any way. Simple random sampling techniques were used to select respondents and questionnaires were developed and distributed to all members who were involved in the study. Data was collected using questionnaire distributed to a sample of 100 respondents, and the entire questionnaire was returned. The data was analyzed through multiple regressions by using Statistical Package for Social Science (SPSS) version 25 for windows.

The study findings showed that top management commitment, supplier capacity and information systems infrastructures influence the implementation of e-procurement..

There is a need of conducting more research on the factors that influence implementation of e-procurement in the private entities.

