

## Barriers to E-Tendering Adoption and Implementation in the Ghanaian Construction Industry

**Authors :** Aynur Kazaz, Yusif Inusah

**Abstract :** In the bid to improve transparency and efficiency as well as to reduce the cost of the public procurement process, Ghana started implementing an electronic Government Procurement System, known as the Ghana Electronic Procurement System (GHANEPS) in November 2019. The implementation of e-tendering technology is new to the stakeholders. Therefore, this research is aimed to identify the critical barriers to e-tendering implementation in the Ghanaian construction industry. Examples of barriers to e-tendering implementation were first identified through a literature review, and questionnaires and interview questions were prepared to gather the data. This study contributes to the in-depth understanding of global e-tendering barriers in the Ghanaian construction industry. The findings could help researchers, practitioners, and governments make strategic investment decisions and overcome e-tendering challenges.

**Keywords :** barriers, challenges, construction industry, e-procurement, e-tendering

**Conference Title :** ICCEMI 2023 : International Conference on Construction Engineering and Management of Infrastructures

**Conference Location :** Zurich, Switzerland

**Conference Dates :** January 16-17, 2023