BARRIERS TO IMPLEMENT E-PROCUREMENT SYSTEM FOR THE DEVELOPMENT OF SRI LANKAN CONSTRUCTION INDUSTRY (PUBLIC SECTOR ORGANIZATIONS)

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ABSTRACT

E-Procurement is a process which facilitate traditional procurement process with the help of Information and Communication Technology. Sri Lankan Construction industry has been practicing traditional paperbased procurement which is time consuming and cost highly for the years and the introducing of such ebased system has become a necessity because, it is indicated that several benefits including increasing the efficiency and reducing the errors of construction industry is able to be achieved by adopting electronic methods to the traditional procurement method. But the industry is in a severe hardship of implementing an e-procurement system due to numerous barriers. The aim of this research to administer e-procurement system in Sri Lankan construction industry. Initially, the barriers identify through literature review and including them in the questionnaire. Questionnaire is used to identify the current practice level of eprocurement in the industry and to analyze the barriers. The Relative Important Index method is used to analyze the data which collected through the questionnaire. Finally, solutions to overcome the barriers are provided under recommendation. The government should take decisions to initiate e-procurement system and should be enacted new legislations to cover the e-procurement process because "Unavailability/lack of legal rules and regulations to cover e-procurement system" has been identified as the most affected barrier by the construction professionals. "Professional's advise on e-procurement process" has been identified as the least affected barrier.

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