

# **IDENTIFICATION OF FACTORS AFFECTING ERRORS IN CONTRACT DOCUMENT IN SRI LANKAN CONSTRUCTION INDUSTRY**

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## **ABSTRACT**

### **Identification of factors affecting contract document errors in the Sri Lankan Construction Industry**

Contract document is one of the most important process within a construction project. Errors and omission occurred in the contract document caused to critical effects to the project such as failures and disputes. Numerous causes for contract document errors had been identified by past researchers in other countries. It is not sufficient to curtail contract document errors in Sri Lanka. Therefore, it is resulting in highly rise errors in the contract documentation. Therefore, it is essential to investigate factors affecting to errors in contract document within the building construction industry in Sri Lanka.

This research aimed to identify factors which affect to contract document errors within the concept of building construction industry in Sri Lanka. Literature survey, questionnaire survey and the semi structured interviews were conducted to collect data. Literature survey was used to identify the types of contract documents. In this research, a mixed method approach was used which means both quantitative and qualitative method were used to analysis of the data.

The findings were achieved the objectives of the research in order to categorization on the key documents in contract document mentioned as BOQ, drawings, specifications, forms of contract and schedules. The highest index value had obtained in factors of each section to lack of knowledge and experience, missing details, change in material demand, lack of adequate documentation and unclear scope of the project. Available types of contract document errors and most critical effects of contract document were recognized through the findings of this research. Strategies to minimize contract documents were determined to recruit competent professionals, having pre bid meetings and site investigations for clarifications, provide adequate time to prepare the contract document, identify client requirement in detail before the beginning of contract documentation, effective and efficient project management and identify the risks before the project commencement.

**Key words:** *Contract documents, Contract document errors, Construction industry, Sri Lanka*