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SUPATTRA WERAPRECHAMET : AN ANALYSIS OF COST CONTROL SYSTEMS FOR MEDIUM-SIZED CONSTRUCTION PROJECTS. THESIS ADVISOR : ASST. PROF. VISUTH CHOVICHEN, PH.D. 282 pp. ISBN 974-581-727-9

This research is pertaining to the study and survey of cost control system by contractors in 14 building construction projects of Bangkok Metropolitan, of which the construction costs ranging from 50 million baht to 800 million baht. The information was collected by means of questionnaires and interviews. The objective of the research is to study and analyze the cost control system of each project as well as patterns of cost codes and problems in using cost codes, analyzing the problems and the causes of problems that occur in the process of cost control system. It was found that the cost control are mostly not systematized in most construction projects but are in the early development stage. The results show that most of the problems originate from the incompleteness of cost collection, lack of system planning for cost control, and appropriate relevant documents. Also, most of the field staff are not cooperative because they are not really educated of the cost control system. By means of the flow charts drawn from the detailed study of the cost control processes, appropriate operation processes and necessary document forms are presented, along with the guidelines for alleviating the problems.