

## Abstract

Title : Building Electric System Bidding Process Improvement

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Construction business is basically dealing by project nature. There exist operation time frame under high competitive environment. On the selection decision of contractors, bidding is required as to acquire the contractor experience; previous success; reasonable price quoted; and project duration. The bidding process has many steps. The delay in any step may result in a negative effect on choice decision and the opportunity to win the bid. The objective of this study is to propose an improvement process for the Building Electric System Bidding.

This study has used the flow process chart as a tool to analyze and develop a more efficient bidding process. The process has been considered to omit inefficiency activities, delays and shorten the time spent in each process step by the use of material suppliers database to shortens the time to check out the material price more quickly and efficiently.

From the analysis and improvement of the bidding process, both bidding steps and the time needed can be reduced from 34 days to only 22 days.