

Abstract

Title : Contracted Cost Reduction for Electric Train Maintenance System

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Important for the management of the enterprise is to control time, cost and quality of the work in accordance with the defined. These things require good coordination between the organizations who received the concession contractor maintenance problems encountered: which is the issue with the contractors and the cost high value.

This study aims to determine the overhead issue subcontracted system maintenance of BTS include identifying the causes and factors in the occurrence of the problem, including the approach and steps to reduce costs in hiring contractors, system maintenance, system maintenance division in the MTR trains. Study on the process used to collect statistical data of expenses and find out how to perform the appropriate contractor employed in maintenance, systems service provider operating the trains. The research proposed within an organization, personnel training to enhance their skills and efficiency in maintenance, replacement can be hired contractors.

Summary results from the study found that can reduce the costs of subcontracted system maintenance, reduced from the original Metro about 15% each year, and can also help reduce the problems caused by time period or to coordinate with contractors, and also added a shorter performance to internal personnel.