ABSTRACT

In Project Management, it is always the aim to optimise the three essential elements of Quality, Cost and Time. However as the scale and complexity of projects have increased considerably, there will be a demand to produce quality and cost effective design. Architects are assigned the task of designing while quantity surveyors as cost specialists, offer cost advice on the project. Usually by the time the quantity surveyor is appointed, some, if not most, of the preliminary design decisions would have been made. The quantity surveyor's task will then be reduced to cost reporting. Economy of design by "refinement" can be executed in order to reduce the "Cost" to meet the budget. This will usually affect adversely on the quality of the building.

This dissertation concerns the integration of Design, Quality and Cost management in the project process in order to achieve the aim of optimisation in both Design and Cost dimensions.