ABSTRACT

Variations are changes in a project. There will always be variations in any project due to client's decision, site conditions, authorities' requirements and more. However, there are variations which can be avoided if there is adequate upfront work to avoid them. Avoiding the number of variations in a project can also avoid undue cost and schedule overrun, unhealthy conflicts or serious disputes, bad image of the team, and unharmonious relationship with the working partners. It is even more crucial if the variations, known as 'no value-added' variations in this study, cannot bring any value to the project. This dissertation brings to awareness the possible techniques which can help to control undesirable variations and also aims to find out on how the various professionals in the Singapore Construction Industry rate the usefulness of the controlling techniques highlighted and how commonly used are these techniques in the industry in their experience.

Keywords: Variation, Controlling Techniques, 'No Value-added' Variation, Singapore Construction Industry