

PREPARATION OF BILLS OF QUANTITIES AND COST ESTIMATE FOR THE GUARD HOUSE OF KIMANIS PETROLEUM TRAINING CENTRE (KTC) FOR SABAH OIL AND GAS TERMINAL (SOGT) PROJECT AT KIMANIS, SABAH WITH REFERENCE TO SMM2

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ABSTRACT

The literature review, bills of quantities and cost estimation of elements of sub-structure and super-structure of a guard house will be discussed in every chapter. In this project, it is important to understand the definition of sub-structure and super structure which covers bills of quantities such as measurement and cost estimation. After that, this project will make build up rates for excavation, concrete, steel bars, formwork, finishes, internal & external wall, door & window and piling.

The cost of the sub-structure and super-structure of a guard house in Sabah will also be included in this project report. Will be attached with taking off quantities and unit rates that author have researched, bills of quantities will be done completely by using Microsoft Excel software. For the quantities, the descriptions are all based on Standard Method of Measurement 2 (SMM2).

In this final project, there is a need to understanding the detail of drawing provide by the architect. Drawing is very important to a quantity surveyor. When the quantity surveyor measuring costing of a project, they must be clearly understand the detail of the drawing and based on it.