

PREPARATION BILLS OF QUANTITIES AND COSTING FOR THE SUB-STRUCTURE WORK OF A SHOP IN SEREMBAN

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ABSTRACT

This project is about the preparing Bills of Quantities and costing for sub-structure work of a double storey showroom in Seremban. The sub-structure works included excavation, backfill, removal, formwork, concrete work and reinforcement steel bar (piling is excluded). In this report each of the elements will discussed in details.

Bill of Quantity is document used in the construction industry especially during tendering stage of the project. It is a document contained the cost and of the construction project and specification of building materials or construction method. Normally Bill of Quantity is prepared by quantity surveyors or building estimators. This report had clearly defined the process of comprising Bills of Quantities.

The costing of the sub-structure works is shown in this report. This report show how the build up rate of each element for sub-structure works is calculated. The Bills of Quantities is completed using Microsoft Excel. All the description used is based on the Standard Method of Measurement II (SMM2).

The abstract can be highlight as following:

1. Determine the "sub-structure works" items to be measured.
2. Measure the items as per SMM2 rules and principles.
3. Prepare Bills of Quantities
4. Derive with the costing of the sub-structure works.