

# **PREPARATION OF BILLS OF QUANTITIES AND COSTING FOR ALL THE DOORS AND WINDOWS OF A BUNGALOW WITH REFERENCE TO THE STANDARD METHOD OF MEASUREMENT 2**

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## **ABSTRACT**

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This project is about the preparing Bills of Quantities and costing for all doors and windows for a bungalow house by reference of Standard Method of Measurement 2 (SMM2). In this project have clearly defined the Bills of Quantities, Costing and what SMM2 is. A bill of Quantity (BQ) is the document used in tendering in the construction industry. The taking off needed to be prepared before prepare BQ. It also details the terms and conditions of the construction or repair contract and itemizes all work to enable a contractor to price the work for his tender. Normally the BQ is prepared by the quantity surveyors or building estimators.

Costing is the most important element in a project. Pricing is related to costing, if we know the cost that the contractor will tender a price for the client so that the client will know the amount of money is going to be spent in this particular project, and by then only the client be able to arrange and manage the liquidity of his finance. Meanwhile, Standard Method of Measurement 2 (SMM2) is a standardized reference for all measurement works in construction industry Malaysia today. Hence, this research is done to determine whether the larger size quantity surveying consultant firms apply and utilize the sections in SMM2 when preparing the description in bill of quantities (BQ).

In this project, there is the need to understanding how to prepare the BQ and costing for the doors and windows. Before prepare the BQ and costing of this project, there is the need to clearly understanding the drawing of the project. By fully understanding the drawing there might be able to prepare the BQ and costing for the project more easily.