

PREPARATION OF BILLS OF QUANTITIES FOR THE STRUCTURAL STEEL WORK AND COSTING FOR THE FACTORY AT MUKIM KLANG, SELANGOR

Prepared by: Lian Jun Wei

ABSTRACT

The title of my project is To Prepare Bills of Quantity for the Structural Steelwork and Costing for the Factory at Mukim Klang, Selangor. First of all, there is a factory that for the purpose of producing ester is going to erect at Mukim Klang, Selangor. It is a factory which using structural steel as main material.

The jobs I am going to do are understanding the drawings provided and identify all the item which I am going to measure. After done the identifying items to be measured, the next job is start to measure all the items and prepares them in taking off quantities form. All of the measuring method must be according to the clauses stated in Standard Method of Measurement 2 (SMM2).

Next, I have to transfer all the items with quantities needed in this project from taking off list to the Bills of Quantities form. In this form, we will clearly see that all the items, specification, quantities and cost for the particular items.

After that, the next step is preparing for the costing in each item with including all the materials, labor, machinery and profit. The cost of each item will be key in to the Bills of Quantities and finally to the total cost of the overall project.