

PREPARATION OF BILLS OF QUANTITIES AND COSTING OF THE EXCAVATION WORK, FOUNDATION AND ROOF STRUCTURE OF A PETROL STATION

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ABSTRACT

As my title preparation of bills of quantities and costing of the excavation work, foundation and roof structure of a petrol station, I would like to prepare bills of quantities and explain the relevant costing that contain in petrol station for my final project.

Those elements that I need to measure including excavation work, RC structural, formwork and reinforcement bar. The measurement works are mainly on pile cap and roof of petrol station. All my measurement works are measuring accordingly SMM2 which is most quality surveyors make it as the reference in Malaysia. SMM2 has provided most of the description and unit used for measurement works.

In this final project report, I would like to explain the installation for fuel tank and installation for roof of station as well. Installation of the fuel tank is the important part for the construction of the petrol station, if any mistake on this stage then the petrol station cannot complete easily. Furthermore, safety and health of construction for petrol station also has to be concerned. Hence, construction industry has safety and health regulations so the project will run smoothly.