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17/ENG04/057

ELECTRICAL ENGINEERING

ENG 384 SHORT TESTS

Every Project desires a good, quality outcome. The quality of the project outcome is dependent on the resources available; which could be monetary, time, machinery, manpower, technology and other services. To get a desired output, all these above mentioned resources have to be considered without leaving one behind as they all work *pari pasu* to each other. Certain considerations are made while seeking for the best output amidst sticking to a budget. As an engineer this is where the role/ skills of an engineering manager comes in, the role of financial budgeting for the economists, and overall management for the project managers to carefully utilize the resources available and meet the and time frame.

The recommendations to put in place as an aspiring engineer in order not to exceed the stipulated budget as designed for this project , prevent jeopardizing of the economic and legal regulations and also to facilitate the timely completion of the project will involve:

1. Proper and effective planning (Defining goals, identifying the resources available, time frame required, scheduling of activities and sequentially following the plan)
2. Designing of the most optimized process to be involved in the project
3. Involvement of both skilled and unskilled labor to facilitate the fast drive of the project.
4. In a bid to manage cost, the use of expensive materials although with good quality will have to be replaced with suitable quality materials of less monetary value.
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