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SUBMITTED TO

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STATE.

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ASSESSMENT (C.A) FOR THE ENGINEERING LAW  
AND MANAGERIAL ECONOMICS (ENG 384)  
COURSE.

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## SHORT TEST

You have been invited by the current president of Nigeria, General Muhammadu Buhari to make an argument for the optimization of engineering resources in the country. As an aspiring Engineer, briefly discuss your view on this and make viable recommendations that will facilitate timely completion of engineering projects within the allocated budget without jeopardizing economic and legal regulations of Nigeria.

## SOLUTION

Optimization of resources is a serious matter in Nigeria. It is a general knowledge that Nigeria has abundant natural resources and raw materials. But the proper use of these resources has always been an issue. Projects are started and various engineering resources are acquired for the execution of these projects but most of the time these projects never get to be commissioned as fully functional as they are supposed to be.

The major cause of this reoccurring matter is the mismanagement of funds and corruption. If the parties involved in the execution of the projects operate on a high level of transparency, most of these projects would be optimally completed.

Steps that can be taken to increase our desired transparency is the digitalization of the records used during such transactions. Money meant for a particular engineering project should be paid directly into the engineering firm's account and with the aid of supervision from a senior staff member in the ministry overseeing the project, weekly reports concerning the progress of the projects should be appropriated.

Another way in which engineering projects can be optimized is in the proper use of human resources in the country. Contrary to the popular knowledge of natural resources, the human resources in Nigeria is greatly overlooked. Most engineering projects are handled by foreign companies and multinationals rather than local or homegrown engineers and technicians. If the needs of the average engineer in Nigeria can be properly met and then if opportunities can be given to them to work, not only would the engineering projects be completed and be in an optimal shape but also the skills of the local engineers would become better and the cost involved in the execution would be reduced fostering economical growth.

With all these put into place, the office of the presidency should give their best shot at ensuring no corrupted individuals are a part of the project. This enables smooth flow of funds from the presidency to the mere workers and this boosts communication.