Lanre-Ajiborode Ayomikun

17/ENG06/051

SUBMITTED TO

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AFE BABALOLA UNIVERSITY, ADO-EKITI, EKITI STATE.

IN PARTIAL COMPLETION OF THE CONTINUOUS ASSESSMENT (C.A) FOR THE ENGINEERING LAW AND MANAGERIAL ECONOMICS (ENG 384) COURSE. MAY 21, 2020

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

Engineering resources in the country can be optimized by having a transparent contractor-worker relationship. Contracts are awarded to engineering firms, ie rehabilitation of an express way. Such contracts should have a human resources manager, an engineering supervisor, an economist. Likewise an ecological expert should be on board.

The contracts should be giving to firms that are deserving and have proved to be able to carry out such jobs through years of experience without bias being a factor.

Human resource managers look out for the input of labourers both skilled and unskilled and likewise should compared to their output.

The engineering supervisor should ensure that the job done by these worker meet all engineering requirements and specification. This must be done without bias.

The economist here must work hand in hand with both the human resource manager and the supervisor as he controls their funding. However, this power shouldn't be abused. He must correlate with the supervisor to know how the material chosen, the engineering approach taken and a few other factors affect the funding. Likewise he should seek to support human management as some or more workers may have troubles either individually or collectively.

An ecologist will also play a very vital role as the fact that they must watch and make sure their are no harms that is being done to the environment during the operation they should have the power to stop the project if it seems it is causing harm this should be done before commencement of the project as to save wasting of funds .

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.