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17/ENG04/041

Electrical Electronics Engineering

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

. ANSWERS

Engineering resources can be optimized by having an external contractor employed also to prevent them from having any bias to any side,

To ensure timely completion Human Resource should motivate their staff by offering good working conditions and willing to spend bonuses to workers based on performance as that will increase productivity and along with this HR should be on the lookout to fire lazy workers who hinder productivity

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.

After all these are done, 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.