

ABSTRACT

Project Management is the most important in the organizing of project on proper way, in the Project Management there are 4 (four) significant factors : time, cost, scope and quality which will be implemented during the execution of project.

Project Management plan on the development of Base Transceiver Station (BTS) in total 185 sites scatter from area of Jakarta, Bodetabek and West Java, carry on by PT. Nokia Siemens Networks (NSN), will prioritized time and cost analysis with consideration of resources and risk which might happened. With the basis of previous project data therefore to recognized how the probability of time completion to execute one site of BTS. The analysis used Earned Value (EV) method, applying in the middle of project execution and will be known how the project performance (still on schedule or behind the schedule as well under budget or overrun of budget), project teams will determined the immediate action item to be performed, to determine forecast cost estimate until completion of project.

Calculation of Supply Chain with using Economically Order Quantity (EOQ) expecting will get the efficient total cost of tower and Telecom equipment delivery against the previous project cost.

Good Project Management plan and analysis can be expected as the basis of Phase-3 project execution therefore product will be delivered on time and actual cost according of budget as well increasing profit of company.



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