

ABSTRACT

Roberthus Andhyawinco Laga Leyn
16317733

A project is a temporary activity that lasts for a limited period of time, with a certain allocation of resources and intended to produce a product whose quality criteria have been clearly outlined. A construction project is a series of activities to make a building, which generally includes the main work in the fields of civil engineering and architectural engineering. The preparation of the Cost Budget Plan (RAB) for the implementation of a construction project begins with the calculation of volume, analysis of the price of the unit of work by analyzing the coefficient of labor and materials used. Then calculate the productivity on each work item obtained the duration of labor and materials. The aim of this final assignment is to calculate the Cost Budget Plan (RAB) for the work on implementing the Taman Mini Indonesia Indah parking structure, East Jakarta, and to prepare a schedule for the implementation time of the structure work. The research method used is to collect secondary data in the form of work drawings, existing s curves, and AHSP in the DKI Jakarta province in 2023, analyze AHSP data and work volume, calculate the Cost Budget Plan (RAB) until later a scheduling plan in the form of an s curve is made. The result of the calculation of the Cost Budget Plan (RAB) for this final project is Rp. 133.985.370.957,97 and the planning time needed to complete this project is 228 working days.

Keywords: Cost Budget Plan, Unit Price Analysis of Work, S Curve