

## **ABSTRACT**

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*The construction industry in Indonesia continues to grow, with infrastructure development. Currently, the construction industry in Indonesia continues to grow, and the development of infrastructure such as warehouses is becoming increasingly important. However, construction projects often face challenges in maintaining time performance according to the established schedule. This final project aims to obtain a Budget Plan (RAB) and construction work schedule for the development of the Depok Warehouse Building. This study uses the unit price analysis (AHSP) based on the AHSP guidelines of the Ministry of Public Works and Housing Regulation Number 8 of 2023 and the Circular Letter of the Directorate General of Construction Number 73 of 2023. The data used includes unit prices of materials, equipment, and labor in 2024 for Depok City, West Java. Cost and time planning were carried out with the assistance of Microsoft Project and Microsoft Excel software. This study presents the results of calculations and data analysis, as well as conclusions and recommendations derived from the data analysis results. The compiled Budget Plan shows a total cost required for the Depok Warehouse Building project amounting to IDR 368.686.490.160, with a planned work duration of 649 days. The analyzed work includes Preparation Work, Foundation Structure Work, Upper Structure Work, Steel Structure Work, Utility Work, Architectural Work, and MEP Plumbing Work. The work duration used in this study is presented in the form of a Bar Chart, S-curve, and Network Diagram.*

**Keywords:** *Cost Budget Plan (RAB), Construction Time Planning, AHSP PERMEN PUPR Number 8 of 2023, S-Curve, Bar Chart, Network Diagram*