

ABSTRACT

Time and Cost Performance Evaluation Analysis Based on the Result Value Concept: Case Study of Foreign Broadcast Support Building

Achmad Rizal Saputra¹⁾, Lukas Beladi Sihombing²⁾

¹⁾Student of Civil Engineering Study Program, Pembangunan Jaya University

²⁾Lecturer of Civil Engineering Study Program, Pembangunan Jaya University

In a project, an evaluation system such as project control is needed to ensure project implementation according to objectives, and to assist managers in setting and achieving the desired targets. Evaluation is basically needed in every project, this is because everything does not always go as planned, even though it has been carefully prepared. The object of research is the construction project of the Foreign Broadcast Support Building, RII Tower using the result value concept method to evaluate time and cost performance. In the calculation of the Cost Performance Index (CPI), a value of > 1 is obtained which indicates that the actual project budget is smaller than the budget budget. While the Schedule Performance Index (SPI) calculation obtained a value > 1 which shows the project will be completed faster than the project estimate, which will be completed on day 390 of the initial plan of 405 days. Based on the results of the research that has been done, it is recommended that further research develop the calculation methods of AC, EV, PV, and performance indices (CPI and SPI) by considering more variables that affect project performance.

Keywords: *Overseas Broadcast Support Building, Value for Money Concept, Time and Cost Performance Evaluation*

Literature : 9

Year Of Publication : 2025