LABOR PRODUCTIVITY INFLUENCING PROJECT DELAY OF RESIDENTIAL HOUSE IN MALANG

ABSTRACT

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Every construction project is unique. Situation, condition, and the incident cases in every project has a unique characteristic that requires the contractor to think creatively. Contractors involved in a construction project are expecting the project goes as planned without any delay. One of the project delay causes is labor productivity. Malang as the place chosen for this research because there has been some previous research that the productivity of workers in Malang which causes delays (Thermal Environmental Effect On The Productivity of Construction Labor, case studies Malang - Batu ; Factors Affecting Labor Productivity At Work on Lightweight Roof In Green Hills Malang). Malang City as the place chosen for this research due to have different characteristics from other cities, namely : The state of climate and weather, the contractors also to use local workers because of difficulty finding workers from outside the city of Malang is probably better (because of the difficulty of construction workers tend to work in Surabaya which his wages greater). Because of that, the authors conducted this research to determine the relationship of productivity factors for delay completion of the project.

This research was conducted by survey with a snowball sample data collection that measures respondent’s perceptions of the Likert scale. Questionnaire containing questions about labor productivity indicator variable distributed to foremen, supervisors and owners of contractors who undertake construction of residential houses in the city of Malang. By using the method of stepwise regression via partial correlation result that labor productivity factors are: the amount of remuneration, external factors such as thermal factors, work discipline and the creation of competition are influential factors contributing 79.8% to the possibility of delays in the construction of residential projects in Malang.

Keyword : Labor Productivity, Project Delay, Stepwise Regression
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