

ABSTRACT

Title: Effects of Supply Chain Management (SCM) for Procurement of Materials for Rigid Pavement Work in a Construction Project. Name: Tahtida Zahriyah, NIM: 41117310080, Advisor: Ms. Anjas Handayani, S.T., M.T. 2018.

The construction of toll roads is a form of government effort in facilitating the people in Indonesia to be able to carry out their mobility both economically and socially well and quickly. The construction of this infrastructure aims to be able to create economic equality throughout Indonesia and specifically in Sumatra itself. In the construction of toll roads it is inseparable from the procurement of materials as the main component in the work process in the field to achieve the desired progress. In this project material procurement applies a centralized supply chain system. Where the project team requests material procurement to supply chain management or SCM then the SCM team looks for vendors as suppliers of the material needed. This study discusses how much influence SCM has in procuring materials for projects, especially in rigid pavement work. For analysis, the author uses the respondent questionnaire method which is then analyzed in the form of validity test, reliability test, and multiple linear regression test using the SPSS system. Hypothesis testing with a sample of 38 respondents. From the results of bivariate correlation analysis it is known that a significant value of $0.02 < 0.05$ and a person correlation value of $0.899 > 0.6$, which means that there is a very strong correlation between the questionnaire variables on the effect of SCM in material procurement. Whereas in the Linear Regression analysis, the percentage of the questionnaire variables obtained was influenced by the performance of SCM in the procurement of materials, namely 81.4%.

Keywords: Supply Chain Management, Material Procurement, Construction Projects, Questionnaires

UNIVERSITAS
MERCU BUANA