

ABSTRACT

This research investigates supply chain performance measurements on the critical path in the BRI Tower Construction Project dan Yogya Supermarket Construction Project. Through identifying the supply chain framework and adapting the SCOR 14.0 performance indicators, this research provides a comprehensive understanding of the stages, processes and elements involved in the construction project supply chain. The research also reveals strategic insights regarding the implementation of effective supply chain management in construction projects. The results of the supply chain performance evaluation of the BRI Tower Construction Project dan Yogya Supermarket Construction Project show a positive impact on supply chain management efforts. The application of the SCOR framework and performance indicators plays an important role in monitoring and improving aspects of supply chain performance which leads to improving construction management performance on the project. Supply chain productivity on this project significantly contributes to the smooth implementation of building construction projects, including efficiency and effectiveness in supply chain management which has an impact on meeting schedules, controlling costs and the quality of the final project results. These findings provide valuable insights for practitioners and researchers in improving supply chain performance and productivity on similar construction projects.

Keywords : construction management, supply chain, productivity, SCOR 14.0, OMAX