

ABSTRACT

PROJECT RISK MANAGEMENT DESIGN IN SPBE BASED ON PERMEN PANRB NOMOR 5 TAHUN 2020: CASE STUDY IN THE GOVERNMENT OF BANDUNG CITY

By

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The application of information technology is now a very important requirement for all organizations and companies in increasing work effectiveness and efficiency. Many organizations are inseparable from the vulnerabilities and risks of applying information technology. The higher the application of information technology, the higher the risk. Therefore, risk management is needed in order to facilitate companies, including government agencies, in achieving business objectives and identifying and managing these risks. Bandung City Government is one of the government agencies that implement information technology in its government system. SPBE is a government organization that utilizes information and communication technology to provide services to SPBE users. Therefore Bandung City Government needs to implement risk management in order to reduce and handle risks that will hinder the achievement of organizational goals related to the use of information technology. This research resulted in the design of project risk management in SPBE based on Permen PANRB No. 5 Tahun 2020 as well as an additional reference, COBIT 5 for Risk, which identifies risks with the risk scenario approach in which both positive and negative risks, and also ISO 31000 as a reference stage for the design of risk management according to Permen PANRB No. 5 Tahun. This research produced nine low risks, eight moderate risks, and four high risks. All of these risks will be evaluated so as to produce a recommendation design solution from the personnel aspect, namely the addition of work descriptions and addition of HR competencies, from process aspect, namely Asset Management policy, ICT Portfolio Management policy Risk Management policy, and Integrated Business Processes policy, SOP for HR Development, and Work Instructions from Asset Management and from the technological aspect, namely the Manage Asset, Manage Human Resource, and Manage Portfolio tools.

Keywords: SPBE, Project Risk, Risk Management, Bandung City Government, Permen PANRB No. 5 Tahun 2020.