

ABSTRACT

Electronic-Based Government System (SPBE) is the utilization of information and communication technology by the government to provide services to every governments department and citizens of South Tangerang City. The Communication and Information Department (DISKOMINFO) of South Tangerang City main task is to assisting the Mayor of South Tangerang City in planning, implementing, supervising, and controlling activities in the communication and informatics fields corresponding to local government policies. DISKOMINFO of South Tangerang City has implemented SPBE because it has utilized information technology in carrying out its duties. SPBE risk management is one of the efforts to ensure the sustainability of SPBE in DISKOMINFO of South Tangerang City by minimizing its risk and comply with Indonesian Presidential Regulation (PERPRES) Number 95 of 2018 article 46. Risk management is carried out using PERMENPAN RB Number 5 of 2020 which is a SPBE risk management guideline. This research only focuses on strategic risk. This study aim is to determine the list of strategic risks that exist in DISKOMINFO of South Tangerang City, generate strategic risk management design and make recommendations for its improvement based on Appendix D of COBIT 5 for Risk with aim to reduce its existing risks. Data collection is done by interview, questionnaire which one of them is made based on generic risk scenarios of COBIT 5 for Risk, and document study related to Head of Section of Application and Integration of Information Systems and System and Application Operator. According to this study, there were 9 Negative Risks and 23 Positive Risks. In the risk evaluation process, there were 5 Negative Risks of SPBE and 11 Positive Risks of SPBE that require further treatment. This study generates 2 recommendations on personnel aspect, 4 recommendations on process aspect, and 1 recommendation on technology aspect.

Keyword : Risk Management, Generic Risk Scenarios, Strategic Risk Assesments, E-GOVT, PERMENPAN RB Number 5 of 2020.