ABSTRACT

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ANALYSIS AND DEVELOPMENT OF INFORMATION TECHNOLOGY GOVERNANCE FOR ELECTRONIC-BASED GOVERNMENT SYSTEMS (SPBE) BASED ON THE COBIT 5 FRAMEWORK (CASE STUDY: BOGOR REGENCY MANPOWER OFFICIAL)

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(xv + 155 + appendix)

The Bogor Regency Manpower Official is one of the regional apparatus organizations that has implemented an information system in serving the needs of the community through the Bogor Career Center program. However, the application of the information system does not yet have governance based on existing standards. Good information technology (IT) governance is needed so that program implementation can optimally support the regional vision and mission. In addition, Presidential Regulation No. 95 / 2018 states that every central and regional government agency needs to implement governance in the implementation of Electronic-Based Government Systems. This study aims to analyze the level of IT governance capability at the Bogor Regency Manpower Official and provide recommendations for improved governance. The method in this study uses the Cobit 5 framework. The data used are primary data and secondary data. From the research results, it is known that the IT process capability level domains in accordance with organizational priorities are EDM01, EDM02, EDM04, EDM05, DSS01, DSS02, DSS03, DSS04, DSS06 and MEA01. The measurement results show that the MEA01 domain is at the capability level of 0 (incomplete process), which means that the process is not implemented or fails to achieve its process objectives. While the rest are at capability level 1 (performed process), which means that the process has been implemented and has achieved its process objectives. While the expected level of capability is at level 3 (established process), which means that the process has documentation of the process both in planning, policies, standards and performance documents. Furthermore, recommendations are prepared that aim to develop IT governance in accordance with the expected level of capability.

Bibliography (2003 - 2020)