ABSTRACT

The use of information technology in government is increasingly important to improve efficiency and accessibility of services. One of the government policies to improve efficiency of service accessibility is the Electronic-Based Government System (SPBE) policy. The implementation of SPBE refers to Presidential Decree No. 95 of 2018 concerning the Electronic-Based Government System stipulated by the President on October 2, 2018 referring to article 45 paragraph (1) concerning the Integration of SPBE System Services which is adjusted to the business process architecture domain and the SPBE application architecture domain. In its implementation, not all business processes are carried out by utilizing information technology optimally, there is no architectural documentation that can be used as a guideline for developing information systems so that these business processes need to be analyzed and aligned with existing information technology using enterprise architecture. In this study, using a qualitative method with a qualitative case study research type. This type of research is because it finds problems by obtaining data directly through informants. The design of the enterprise architecture uses the TOGAF ADM version 9.2 framework approach because TOGAF ADM 9.2 has standards that can produce consistent organizational architecture and develop business processes that run according to existing requirements. In this study, using 3 phases for the development of information system architecture, namely architecture vision, business architecture and information system architecture. The output produces a document in the form of the results of architectural planning from Phase A: Architecture Vision to Phase C: Information System Architecture which is more structured and integrated which can be used by the Administration Bureau of the Leadership of the Regional Secretariat of East Java Province in supporting the SPBE policy. This study resulted in 6 business process developments and 2 new information system developments that are used to optimize existing business processes in the Administration Bureau of the Leadership

Keywords: ***Architecture Enterprise, E-Government and TOGAF ADM***