

ABSTRACT

COMPARISON ANALYSIS OF ORGANIZATIONS IN THE IMPLEMENTATION OF DED SCHOOL PROJECTS WITH IMPLEMENTATION OF DESIGN AND BUILD OFFICE BUILDING PROJECT

By

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The development project with a design and build system has never been carried out in Tangerang City Government. The implementation of DED (Detail engineering Design) on the Cipondoh 3 SDN Building construction project in Kota Tangerang, the planning process was arranged a year before the construction was carried out, while the design and build on the Banten Provincial PUPR Office Building procurement and design and build process was carried out within 1 (one) fiscal year, with an implementation period of 7 (seven) months. The implementation of Detail Engineering Design (DED) is the process of compiling Detail Engineering Design (DED) products in development planning until the construction is carried out. Implementation of Design and Build is the process of implementing a building, the design work is integrated with the construction. In the flow / stages of design and build, the auction is only done once. The construction of the design and build can be carried out after the shop drawings have been completed as a reference for the construction. From the results of design and build work research more effective and efficient in terms of time, flow / stages of implementation, and costs. The design and build system requires parts in organizations that focus on design and budget reviews, so they must always review images and adjust to the existing budget. Vertical and horizontal communication and coordination must be carried out so that problems arising in the field can be immediately followed up. The research method used in this study is a descriptive method with a qualitative approach.

Keywords: DED (Detail Engineering Design), Design and Build, Project Organizational Structure, Job Description.