

ABSTRACT

In the increasing growth and utilization of information technology in this era, make a firm must be able to quickly adapt to using information technology in their business development. One of them is data center which is the very important major proponent components, because to support the optimal business process of a firm, data center is required to provide optimal services as well. Pemerintah Kabupaten Bandung is one of the structural bodies of governaan who take care of the needs of the community in the area of Kabupaten Bandung. Pemerintah Kabupaten Bandung has implemented data center to support its business process, but the data center of Pemerintah Kabupaten Bandung in the process of running the data center there are problems that arise because of the weakness of the management of the data center itself. Problems that arise such as building facilities and site selection that has not been optimal to store data center. Based on the existing problems, it is necessary to design the site selection on the data center using ANSI/BICSI 002 standard class F1. The method used is PPDIOO Network Life-Cycle method for the ideal design result for site selection at Pemerintah Kabupaten Bandung data center. This method is chosen because it is suitable in terms of initial design of infrastructure, has a cycle at its stage, and there is an optimization stage for long-term development. The final result of this research is the proposed design of building facility and location adjustment for DISKOMINFO Pemerintah Kabupaten Bandung covering room requirement, fm 200 fire suppressions, and parking area in accordance with ANSI/BICSI 002 standard class F1.

Keyword : Data Centre, DISKOMINFO Pemerintah Kabupaten Bandung, Site Selection, ANSI/BICSI 002, PPDIOO Network Life-Cycle, Building facilities, fm 200 fire suppressions, parking area.