
***Design of Planning and Development of Normalization of ODP
(Optical Distribution Point)***

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ABSTRACT

Abstract – PKL (Field Work Practice) or KP (Practice Work) is an activity during the lecture period that supports students in learning according to their vocational skills to enter the real world of work. PKL/KP aims to make the knowledge learned in lectures can be applied during PKL/KP so that it helps in work. The purpose of this report is as a supporting requirement for student graduation in taking lectures.

In writing the PKL/KP report, the data collection method uses the Observation method, which is to directly practice in the work and observe what is being done. To collect the data, it was also obtained from the PKL/KP places accompanied by the PKL/KP assistants. And the data obtained is company secret, therefore when using this data students must obtain permission from the PKL/KP assistant.

At the time of PKL/KP at PT. Telkom Access Purwokerto in the SDI (Survey, Drawing & Data, Inventory) division, students are given jobs to survey, record data, and design work to be done in the field. For the work that is done every day, namely designing the construction and design of the network that will be done. In this design using the Google Earth application by showing the job location bill, then it is designed with predetermined symbols. If the design is complete, then make a BOQ (Bill Of Quantity) to write down the material requirements and the budget that will be issued for the work.

From the report that will be written with the title "Design Planning and Development of ODP (*Optical Distribution Point*) Normalization" is the design of distribution lines that have too high ODP attenuation, with the aim of getting normal attenuation so that internet speeds for uploading and downloading will be normal. Customers or internet users definitely expect normal and stable internet speeds. For this reason, with ODP Normalization, all ODP ports will have normal attenuation.

Keywords: ODP, BOQ, Design, Attenuation.