

ABSTRACT

The writing of this practical work report by Naufal Arizki Hanifan entitled “FTTH NETWORK INSTALLATION AT GINTUNG NABILA PERMAI CIREBON HOUSING” is to fulfill the requirements of the Field Work Practice/Practice Work as well as explain the stages in the FTTH installation process.

The method used in this paper is direct practice in the field to practice directly what is given in the field during practical work, interview method to obtain information about the stages in the FTTH installation process, and literature study to look for information from several sources on the internet.

The FTTH installation process goes through several processes, starting with surveys and pole tagging which later the data will be used as a reference in making As Plan Drawing (APD) and Bill of quantities (BOQ) then proceed with Design Review Meeting (DRM) if approved then proceed pole and cable installation. At the time of installation of poles and cables it is possible to make changes, if there is a change and it is fixed then As Build Drawing (ABD) and BOQ revision are made. After everything is done, the acceptance test is carried out.

From the results of this practical work activity, it can be concluded that there are still many points in Cirebon that have not been reached by fiber optic services, then during the "rolling" and tagging process it must be done carefully because it will greatly affect the BOQ making, then if there is a change during the mandatory installation process to revise the BOQ.

Keyword: Fiber Optic, FTTH, APD, ABD, BOQ