ABSTRACT

PT XYZ is one of the companies that has implemented Project Based Organization (PBO) in its project implementation. One of the companies that apply PBO is PT XYZ. PT XYZ is engaged in providing telecommunication network installation services, network infrastructure development, and Network Terminal Equipment (NTE) management. PT XYZ is a subsidiary of PT ABC which is one of the telecommunications companies in Indonesia. Currently, PT XYZ is running a feeder resiliency project located in the city of Manado. The feeder resiliency project is categorized as a Granular OSP project. The latest project data on February 6, 2023 - February 17, 2023 project planning is 76.86% while project realization is 19.63%. From this data, it can be seen that feeder 11 in the feeder resiliency project is experiencing delays in its work. Therefore, based on the problems that occur at PT XYZ related to delays in feeder 11, the authors provide proposals by designing Feeder 11 Scheduling Modifications in the Resiliency Feeder Project as Baseline Guidance for Project Acceleration with Fast Track and Crashing Methods at PT XYZ. The results of the design of accelerating the project schedule on the remaining work using a combination of fast track and crashing on the remaining work are different, resulting in the project being completed in accordance with the initial completion target, with the addition of five laborers. In addition, to avoid similar problems in the feeder resiliency project or similar projects, schedule guidance is made which contains step by step good scheduling and how to accelerate the project schedule based on data from the current feeder 11 project which will be used as lesson learned for the next feeder resiliency project.

Keywords: feeder, Project Based Organization (PBO), project delay, Critical Path Method (CPM), schedule guidance, fast track, crashing.