

ABSTRACT

PT. XYZ is a company engaged in telecommunications service providers that have spread throughout Indonesia. One of its branch offices is in Banda Aceh City. Under the Department of Access Optima and Maintenance (AOM) PT. XYZ participates in handling the Shift to the Front (STTF) project, which is a project to add an FTTH (Fiber to the Home) network in areas with high customer demand. One of the completed projects is the Installation of Provisioning Type 3 (PT3) Optic Distribution Point (ODP)-DAR-FW Housing of Al Fatih Miruk.

In the STTF project period 1 that has been carried out, it was found that some of them experienced licensing problems, long material delivery time, and changes in volume. This problem is then known as non value added activity or waste. Waste is defined as all kinds of activities that do not add to the benefits/value of a product. This problem can be solved by using a Lean Project Management (LPM) approach, which involves identifying waste, risks, and estimating project needs (time, resources, and costs).

In this study, the waste identification process was carried out by conducting in-depth interviews with the project implementers, and the types of waste to be identified were arranged based on 8 types of waste according to Womark and Jones (1996). The results of this study indicate that the identified wastes are waiting, overproduction, and inappropriate processing. The cost impact caused by the waste that occurs in the PT3-DAR-FW project is Rp. 950,869.

Keywords: financial impact, lean project management, waste