



**REDUCING PROJECT DELAY
IN SOEKARNO HATTA INTERNATIONAL AIRPORT
(CASE STUDY: TERMINAL 1C REVITALIZATION PROJECT)**

Untung Basuki & Akbar Adhiutama
Institut Teknologi Bandung, Bandung, Indonesia.
Corresponding Email: untung_basuki@sbm-itb.ac.id

Abstract

Soekarno Hatta International Airport (SHIA) is the biggest airport in Indonesia that is managed by PT Angkasa Pura II (Persero). Terminal 1C, one of the terminals at SHIA, is currently undergoing a revitalization project that aimed to increase its capacity from 3 million passengers per annum (mppa) to 8 mppa. This project faces several obstacles in its implementation so that it is surely that the completion will be delayed. This research aimed to understand the obstacles were faced and to find out the solution so that the project delays can be minimized.

Using fishbone diagram and current reality tree, the author analyses the current condition of the project to identify the root causes of the problems that cause project delays to occur in revitalization project. Based on interviews with key person of the company that involved in this revitalization project, we can know that there are 2 (two) groups of root problems faced by this project, that is problems related to operational process and problems related to project management. Of the 3 alternative solutions proposed, the second alternative which is closing the terminal during the project is the best alternative for AP2 to minimize the project delay in terminal 1C revitalization project. In choosing the best alternative, author used Analytical Hierarchy Process (AHP) with 2 (two) comparison parameters, that is Delivery time and Cost impact.

The implementation of the second alternative solution begins with the consolidation of the stakeholders and preparing terminal 2D to accept the operational transfer of the airlines from terminal 1C. For a long term plan, improvement needs to be carried out starting from the upstream process, which is during the procurement process of consultant (either planning consultants or construction management consultants) along with the company regulations that govern them.

Keywords: Revitalization, Airport, Operation, Project, Delay.
