STUDY OF TECHNICAL AND ECONOMIC ASPECTS
PT. SEMEN INDONESIA PACKING PLANT PROJECT
IN BANJARMASIN

Name : Diyah Tri Sulistyorini
NRP : 3111.105.037
Department : Civil Engineering
FTSP - ITS
Supervisor I : Yusronia Eka Putri, ST, MT
NIP : 19840828 200812 2004
Supervisor II : Ir. Retno Indryani, MS
NIP : 19591106 198501 2001

ABSTRACT

Construction Packing Plant PT. Semen Indonesia in Banjarmasin has raised a series of important questions, such as: where the location will be built, how much capacity cement silo to built, when it will be built, sources of funding which will be used and whether the development would benefit the Packing Plant PT. Semen Indonesian. All these questions need to studied first. This final project aims to evaluate the feasibility of the construction of Packing Plant Banjarmasin in terms of both technical and economic.

Describes technical aspects of the feasibility study this project in terms of requirements the local regulatory land areas and territorial waters. Land area requirements include condition of the land, buildings, green areas and other requirements. Territorial waters requirements include the conditions of sedimentation waters, tidal river water, shipping lanes, vessel characteristics and other requirements that support the technical feasibility aspects. Economic aspects of the feasibility study of the project described in terms of efficiency in transportation with the presence and absence of Packing Plant was constructed that compared with the investment cost of the project.
From a technical aspects, the project development plan zoning requirements specified. In terms of economic, transportation cost efficiencies expectations are fulfilled. Based on the results calculation of the efficiency transport costs between the existing conditions and plan transportation cost efficiency obtained is **Rp. 17,990,676,595 / year**. However, when compared with the investment cost of Rp. 148,733,861.14 efficiency of the transportation cost is still too small.

**Key Word**: Economic Aspects; Technical Aspects; Packing Plant.