

*Lantai Gudang CFS PT. Pelabuhan Indonesia II Cabang Pelabuhan Panjang, Bandar Lampung* (dibimbing oleh Dr. Ing. Ir. Agus Maryono)

Dalam perkembangan industri di Indonesia pelabuhan mempunyai peran penting. Pesatnya pertumbuhan industri di Indonesia juga harus dibarengi dengan semakin baiknya fasilitas pendukung dan pelayanan yang ada di pelabuhan. PT. Pelabuhan Indonesia II (Persero) cabang Panjang berusaha memberikan pelayanan terbaik bagi para konsumen dengan peningkatan fasilitas yang sejalan dengan berkembangnya perekonomian di Indonesia. Salah satunya dengan melakukan pembetonan lantai pada gudang *Container Freight Station* (CFS).

Tugas Akhir ini bertujuan untuk merencanakan proses pembetonan lantai, merencanakan desain pembetonan lantai yang sesuai dengan kebutuhan, mengetahui rencana anggaran biaya yang tepat dan sesuai dengan anggaran yang dimiliki oleh *owner* dan mengetahui pelaksanaan pembetonan lantai.

Berdasarkan analisis yang dilakukan, didapatkan hasil tebal plat setinggi 250 mm dengan diameter tulangan sebesar 10 mm menggunakan lapasi pondasi dengan agregat kelas A dengan tebal setinggi 300 mm serta menggunakan batang pengikat berdiameter 19 mm dan ruji berdiameter 25 mm. Besar rencana anggaran biaya yang diperlukan adalah Rp 6.203.135.689,-

Kata kunci : Perencanaan, RAB, Plat Lantai, Pelaksanaan.



*Flooring for CFS Warehouse of PT. Pelabuhan Indonesia II, Branch Office of Panjang Port, Bandar Lampung. (supervised by Dr. -Ing. Ir. Agus Maryono)*

*Planning and Implementation of Concrete Flooring for CFS Warehouse of PT. Pelabuhan Indonesia II, Branch Office of Pelabuhan Panjang, Bandar Lampung*

*In the industrial development in Indonesia, a port has an important role. The development, which is growing rapidly, also needs to be accompanied by better supporting facilities and services those are available in the port. PT. Pelabuhan Indonesia II (Persero) Cabang Panjang is trying to provide and give the best service for its consumers by upgrading all facilities which are in accordance with Indonesian economic development. One of its ways is doing some floor concreting in the warehouse of Container Freight Station (CFS).*

*This final project is created with some purposes, such as to map out the process of floor concreting, to design the floor concreting based on the necessity, to find out the most right and convenient budget plan with the owner's budget and to find implementation of concrete flooring.*

*According to the analysis that has been done some times ago, the thickness of the plate, which was obtained by the writer, is 250 mm with reinforcement diameter which is 10 mm using a foundation layer with grade A's aggregate which has thickness as high as 300 mm, using tie bar 19mm in diameter, and using trellis with 25mm as its diameter. In the end, the amount budget that is required is Rp 6.203.135.689,-*

*Keywords: Planning, RAB, Floor Plates, Implementation.*