



- Name of Project** : **Consulting Services for Study and Detailed Design of Container Railyard Project at Laem Chabang Port**
- Location** : Chon Buri Province
- Client** : Port Authority of Thailand.
- Project Cost** : 1,242 Million Baht
- Duration** : December 2010 - June 2011
- Narrative Description** : Port Authority of Thailand (PAT) prepared a 10th Government Enterprise Plan (budget year B.E. 2553-2557 (2010-2014)) for development of cargo transportation by rail for the increasing of the containers, change of mode of transportation from by road to maximize rail transport. The aim is reduction of costs and traffic problem. PAT intends to develop Rail Transfer Terminal within LCB Port which is begin/end in rail container between LCB and Inland Container Depot: ICD at Ladkrabang, support the source of production from Northeast and Map Ta Phut Industrial Estate which will be increased in near future, no bottle neck any more.
- The Design of this project is to construct Rail Container Yard in Zone 4 Area, located between Berth Port A and C preparing for “Rail Transfer Terminal” for LCB port on the total area of 600 rai (370 rai is used and 230 rai is reserved). Construction in the Rail Yard includes multiple-track of 6 tracks, each 1,278-1,725 m. long, each train with container having 34 carriages, one track for 2 trains, total 12 trains at the same times. Rail Mounted Gantry Crane: RMG will work over 6 tracks in one time with capacity to service containers 2.0 million TEU/year.

Services Description

: The services included the following works:

- Survey and Detailed Design for construction of Rail Transfer Terminal
- Prepare construction material report with relate facility and construction cost estimate according to the final construction drawings including work plan and work period in each step
- Prepare Tender document for contractor selection process
- Prepare the change of construction detail report for Rail Container Yard project to perform the EIA report
- Define type size and specification of Major Equipments for Rail Container Yard
- Study review in appropriate subject for project plan, rate of service fee, possibility of economic, financial, marketing and project investment including joint Venter with private sector.