



- Name of Project** : **Consultancy Services for Study, Master Plan, and Detailed Design for Development of IRPC Operating Area Project (IP Zone 4)**
- Location** : Rayong Province
- Client** : IRPC Public Company Limited
- Project Cost** : 2,200,000,000 Baht
- Duration** : June 2010 - December 2013
- Narrative Description** : IRPC Public Company Limited intends to prepare a Master Plan industrial area (IP Zone 4), develop it and lease or sell the plots to investors to establish and operate industries. The project is located in 3 Tumblos as Cherng Nuan, Ban Lang, and Tapon at Sukhumvit road with area of 4,267 rai. The development plan of this project consists of 3 parts.
- 1) Study
 - 2) Preparing Master Plan of the project.
 - 3) Detailed Design and Tender document work.
- Services Description** : Project consultancy services for study, master plan, and detailed design the works as follow :
- Survey and Physical data Analysis for design of industry zone consisting of:
 - Survey, analysis of physical data and related facility in the project area and prepare the layout plan.
 - Soil investigation survey for infrastructure construction and prepare cost estimate.
 - Prepare Layout plan consistent with business model, company strategy, and requirements of government agencies concerned. The layout plan consists of transportation system and infrastructure system.
 - Prepare preliminary design of Infrastructure system in terms of water system, fire protection system, wastewater collection and treatment

system, solid waste management system, Land adjustment, drainage system and flood protection system, telephone system, electrical system, communication system, and road system including site development and boundary fence.

- Study the requirement and specify details of building position, building space and relate facility in Industrial zone.
- Prepare construction plan and preliminary cost estimate.
- Detailed design for Infrastructure system and facility of water system and fire protection system, wastewater collection and treatment system, solid waste management system, Land adjustment, drainage system and flood protection system, telephone system, Natural gas system, road system, building and facility for Industrial zone, prepare cost estimate and tender document.