



- Name of Project** : **Detailed Design and Construction Supervision of New Research and Development Center Building Project**
- Location** : Ladkrabang Industrial Estate, Bangkok
- Client** : Unilever Thai Holding Ltd.
- Project Cost** : 75,327,000 Baht
- Duration** : June 2011 - January 2012
- Narrative Description** : New Research and Development Center Building consists
1. Demolition Work for office Mezzanine Floor size 16.50 m x 5.50 m.
 2. Liquid Tank Foundation size 15.50 m. x 16.00 m.
 3. CIP Tank Foundation size 8.50 m. x 19.00 m.
 4. Steel Platform for CIP Tank size 4.00 m. x 22.00 m.
 5. 4-storey of New Mixing Building size 11.50 m x 36.50 m.
- Services Description** : The service for detailed design management and construction supervision consists of:
- Preliminary design
 - Detail engineering design for construction ventilation system sanitary system mechanical works electrical works included power supply lighting system fire protect fire fighting system and all building interior/exterior finishing & interior partition.
 - Cost estimation, tender document and contract preparation.
 - Consulting for bidding to select contractor
 - Construction supervision
 - Project management