

TRANS-ASIA

Pepsi-Cola Concentrate Plant Laguna, Philippines

Client

Pepsi-Cola Far East Trade Development Company, Inc.

Project

Pepsi-Cola Concentrate Plant

Project Period

Start January 1996

End October 1996

Project Description

The ground floor area of the main plant building is approximately 3,056 square meters which houses the concentrate plant consisting of water treatment (soft water), cola flavours process rooms, lemon/lime blending room, dry component laboratory, beverage testing laboratory, cold room, lobby, locker room, toilets, staff dining and kitchen, low voltage distribution room, drum washing, shop/storage, boiler room and emergency generator room. These rooms were provided with concrete masonry blocks partitions. The other remaining areas were used as storage for raw materials and the finished goods which was an open area (open planning). A mezzanine floor approximately 400 square meters houses the administration office. The building structure was designed to have split type A/C units while individual window type A/C units were installed at offices and laboratory room, as well as, fire protection system, plumbing/sanitary systems. Process piping design was at the tapping point only of the equipment. Electrical design included the lighting, power grounding and emergency power systems. Telecommunication was provided such as telephone. Landscaping and site development of the project was also included.

Scope of Services

Trans-Asia's scope of work covered the architectural façade design concept, detailed services comprising of architectural, structural, mechanical, plumbing, electrical disciplines, civil works for the site development, engineering support during construction and construction management services. The detailed documents including specifications, bid documents and budgetary cost estimates were sufficiently detailed to allow tendering and construction.



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