

Project Accomplishments by ECFAJ Members

Hasanuddin University Engineering Faculty Development Project

Principal Firm (s) Oriental Consultants Global Co., Ltd.



Project Site Gowa district in South Sulawesi, Indonesia

Client Directorate General of Higher Education and Hasanuddin University (UNHAS)

Finance Japanese ODA Loan (IP-541)
Loan Period will be expired on July 2019

Period December 2007 - 2018

- Type of Project**
- ◆ Campus Master Plan
 - ◆ Basic & Detailed Design
 - ◆ Tender Management Assistance
 - ◆ Supervision for Construction of Buildings and Infrastructure Development
 - ◆ Supervision for Procurement of Laboratory Equipment and Furniture

Package-1: Center of Technology, Library Building, Classroom Building, Architecture Department, Civil Department

Package-2: Mechanical Department, Electrical Department

Package-3: Geology Department, Naval Department, Power House

Package-4: Workshop Building, Power House



Earthquake damage research at Gorkha



Bird Eye View Perspective of Gowa Campus

Hasanuddin University Faculty of Engineering Smart Campus



Main Screen for Visualization of Energy Consumption (Supported by ACK Group's CSR)

Project Outline

◆ The objective of the Project is to make quantitative and qualitative improvement in education and further strengthen research activities in engineering through development of the Engineering Faculty, including establishment of the Center of Technology in Hasanuddin University in South Sulawesi.

Eco-friendly and Smart Campus

◆ Consideration of the environment and energy efficiency has been taken into account as the highest priority in achieving eco-friendly and economical campus, e.g., orientation and height of the buildings, passive cooling and natural lighting systems, and façade design.

◆ "Smart Technology" has been introduced as a completely new approach and solutions for energy and facility management. It is simple but truly an effective tool to minimize the energy consumption and enables efficient facility operations with the energy management system. The smart energy campus has been implemented as a pilot project in the Center of Technology Building since December 2015 and successfully completed in August 2016 under a CSR program initiated by ACK Group Co., Ltd. a holding company of Oriental Consultants Global.

Details

- ◆ Site Area: 31.17 ha
- ◆ Total Building Floor Area: 71,000m²
- ◆ Procurement Packages

Project Accomplishments by ECFAJ Members

Detailed Design for Yangon-Mandalay Railway Improvement Project (Phase 1) in Myanmar

Principal Firm (s)	Oriental Consultants Global Co., Ltd. 
Project Site	Myanmar Yangon to Taungoo
Client	Japan International Cooperation Agency (JICA)
Finance	Japanese ODA Loan
Period	Jun 2014- Jun 2016
Type of Project	Consulting services for Detailed Design

Project Outline

The objectives of this project are to rehabilitate weathered infrastructures and relevant facilities of the existing railway between Yangon city and Mandalay city in Myanmar and modernize them to increase the safety level and speed of train operation, to reduce transportation cost, and to increase passenger and freight transportation.

The technical targets of this project are to achieve a maximum train running speed of 100 km/h safely and to enable the train travel between Yangon and Mandalay less than 8 hours.

Details

- ◆ Outputs:
 - Determination of the design criteria, including selection of the technical standards, detailed construction methods, etc.,
 - Detailed design and preparation of the bid documents, considering the most suitable form of the contract for International Competitive Bidding,
 - The Project comprises a) civil engineering structures of the railway track line and b) railway system installation.
 - Deliverables of the Detailed Design Study, draft bidding documents.

