



TNB Power Plant – Selection, Design and Construction : TNB'S Experience

7 – 18 August 2017

Organised by:



Target Participants

Engineering working in power plant and / or executive handling Human Resource, Planning, Projects, Finance, Legal, Insurance, Quality or Safety

Objectives

- To understand the fundamental concepts of project management
- To enable participants to apply the knowledge and explain best practices in power plant construction in TNB
- To determine how types of power plant is decided based in Environmental Impact Assessment (EIA) report and location.
- To instill an appreciation for the role as project manager / engineer/QA & QC in implementation phase
- To provide participants the required knowledge in methods / modes of procurement and its processes

Course Content

- Overview of Energy Requirement & Current Availability
- National Energy Demand & The Way Forward
- Environmental Impact Assessment (EIA) on Project Site
- EIA Case Studies - Hulu Terengganu Project
- Plant Design, methodology & implementation - TNB Experience
- Engineering Procurement & Financing based on international standard.
- Engineering Procurement & Financing issues (FIDIC)
- Managing Project Construction & Human issues (skilled worker, professional, legislations etc)
- Safety Officer - Best project construction practices - Green Card, NTSP
- Bakun Hydro Projects - TNB Experience in the project management
- Technical Visit
- Experience & Knowledge Sharing - Overview of power plant & power plant projects in my country
- Participants evaluation and course assessment

Course Outline

- Energy Requirement & Current Availability
- National Energy Demand & The Way Forward
- Environmental Impact Assessment (EIA) on Project Site
- EIA : Case Studies
- Plant Design, methodology & implementation - TNB Experience
- Engineering Procurement & Financing issues
- Managing Project Construction & Human Issues
- Best project construction practices
- TNB Experience in the project management
- Technical visit to one of the TNB Power Plant
- Technical visit to TNB Site Project
- Knowledge sharing – power plant & power plant project



Methodology

Lectures , Video, Group Discussion & Presentation, Technical Visits

MTCP was first initiated at the First Commonwealth Heads of Government Regional Meeting (CHOGRM) in Sydney in February 1978. MTCP was officially launched on 7 September 1980 at the 2nd CHOGRM in New Delhi, India.

Based on the belief that the development of a country depends on the quality of its human resources, MTCP emphasizes the development of human resources through the provision of training in various areas which are essential for a country's development such as public administration, good governance, health services, education, sustainable development agriculture, poverty alleviation, investment promotion, ICT and banking.

Annually, more than 80 MTCP Programmes are offered by approximately 80 MTCP training institutions/agencies, many of which are centers of excellence for training. Since its inception, MTCP has gained more than 32,000 participants from 143 countries.

MTCP assistance includes short-term specialized courses, long-term courses (scholarships), technical assistance and dispatch of experts.

Objectives of MTCP

- Share development experience with other countries
- Strengthen bilateral relations between Malaysia and other developing countries
- Promote South-South Cooperation (SSC)
- Promote Technical Cooperation among Developing Countries (TCTD)

TNB Integrated Learning Solution – ILSAS is a premier technical training institute committed towards providing excellence in training and services. In line with that, ILSAS works with experts in the field of power utility engineering and a complete range of facilities. ILSAS is a wholly owned subsidiary of Tenaga Nasional Berhad, the largest power utility company in Malaysia.

As Malaysia's leading power utility trainer, ILSAS offers a broad range of specially tailored learning solutions that take knowing through its necessary next step: getting it done; by knowing what to do, how to do it, when best to do it, and doing it as it's supposed to be done.

We do it with the latest teaching methods, a vast pool of qualified and experienced trainers, having access to effective training tools and high-investment environments, and in full accordance with global industry standards, technological and regulatory.

APPLICATION GUIDELINES

- Application should be made using prescribed MTCP forms available at: **mtcpcoms.kln.gov.my/mtcpcoms/online/list_course**
- The application must be completed and endorsed by the Ministry of Foreign Affairs / Focal Points responsible MTCP Programme in the applicant's country, then submitted through the applicant's government with *Note Verbale* to the Ministry of Foreign Affairs Malaysia via the nearest Malaysian High Commission / Embassy.
- It is mandatory under MTCP for all the MTCP participants to follow the Visa With Reference (VWR) application procedure
- **INCOMPLETE AND/OR UNENDORSED FORMS WILL NOT BE PROCESSED**
- Application form have to be accompanied by the applicant's medical report and copy of his/her passport.
- **ONLY SUCCESSFUL CANDIDATES WILL BE NOTIFIED**

VISA & VACCINATION

Successful participants are advised to arrange for their own visa and vaccination prior to their travel, in which the expense to obtain such requirement should be borne by them. Successful participants are required to submit a colored photocopy of the first page of their valid passport to the program organizer for immigration processing.

Limited to 12 participants only

Closing date : 15 May 2017

TERMS OF AWARD

- Must be a degree holder
- Minimum working experience 5 years
- Must have a minimum 1 year experience in utility industry especially in power plant
- Good command of English –spoken & written
- Medically and physically fit (Note: The training requires lots of physical activities in power plant.

COORDINATOR:

Faisal Mansor
E-Mail: faisalm@tnb.com.my

Jaslina Hamid
E-Mail: jaslinah@tnb.com.my

**TNB INTEGRATED LEARNING
SOLUTION- ILSAS**

Jalan IKRAM-UNITEN,
43650 Bandar Baru Bangi,
Selangor, Malaysia.

General Phone: +603-89227222
Fax: +603-89264437