Program Tunnelling in Limestone

Two-day training session 23 - 24 June 2013 Toaque palace - Diplomatic quarter - Riyadh

Sunday 23.06

Registration, check in and distribution of the documents

08.00 - 09.00 Training session reception desk

Welcome and Opening

09.00 - 09.15: H.E. Eng. Abdullah Al-Mogbel, ITA-AITES and ITACET Foundation representatives

General Tunnelling

09.15 – 10.00: Principles of Tunnelling – Specificities of Tunnelling in Limestone

10.00 – 10.30: Ground Investigation for Tunnelling in karstic ground, before, during and after completion of excavation

10.30 - 11.00: Coffee Break

11.00 – 11.30: Choice of the Construction Method in Rock – Design Criteria for Conventional & Mechanized Methods

11.30 - 12.15: Monitoring & Risk Management

12.15 - 12.45: Prayer

Case Histories - Innovations - Lesson learned

12.45 - 13.30: Manufacturers

13.30 – 14.00: General Discussion - Round Table Style

14.00 *Lunch*

Monday 24.06

Conventional Tunnelling

09.00 - 09.30 : Conventional Methods 09.30 - 10.00: Design & Durability

10.00 - 10.30: Coffee break

10.30 – 11.15: Alternatives for Ground Improvement in Karst Areas

Mechanized Tunnelling

11.15 – 12.00: Types of machines for Rock and mode of selection

12.00 – 12.30: *Prayer*

12.30 - 13.00: Segment lining

13.00 - 13.30: Alternatives for karst areas

13.30 – 14.00: General Discussion and Closing remarks

14.00 *Lunch*

From 14.00 Distribution of the course certificates & collection of the evaluation form