



DUBAI METRO PROJECT UNITED ARAB EMIRATES



Project Scope : Provision of Technical Services relating to Systems Integration and Systems Assurance for the Electrical and Mechanical Systems, provided by the Dubai Rail Link Consortium's Civil partner of the Dubai Metro Project.

Project Period : Jan 06 to Mar 09

Client : The Civil partner is collectively called Japan-Turkey Metro Joint Venture, JTMJV, which consists of Obayashi Corporation, Kajima Corporation (of Japan) and Yapi Merkezi Insaat ve Sanayi A.S (of Turkey).

Location : Dubai, UAE

Project Description

As the Technical Services Consultant, we were involved on the Systems Assurance (SA) and Systems Integration (SI) aspects for the Electrical and Mechanical (E&M) Systems which include the Environmental Control System, Tunnel Ventilation System, Building Management System, Drainage System, Fire Protection System, Lifts and Escalators and the Low Voltage System, provided



by the JV. This includes the establishment of SA and SI processes, performing Safety, Reliability, Availability and Maintainability analyses and subsequent preparation of the SA/SI plans, managing interfaces issues between these E&M systems and the external Rail E&M systems, like the Rolling Stock, Signalling, Communications and Control, Fare Collection, etc.

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