



Dodsal SPF Consultancy Services

Location: Dubai

Summary

Dodsal Group is a Dubai-based diversified multinational group, which operates in the areas of engineering, construction, infrastructure development and management, exploration of hydrocarbons, mining of minerals and metals, trading activities and quick service restaurants. With a business volume of over US\$2 billion, Dodsal is one of the leading energy and infrastructure development companies in the world. Their requirement was to implement Intergraph's SPF Suite for their Ruwais Sulphur Expansion (PHASE III) Project. For this, they needed data generated by EPC Contractors during engineering (PDS, EDMS, SPI and SPPID), procurement and construction phases to be integrated with their refinery Pacer and Maximo systems.

Details of Rolta's solution

Rolta offered its services to prepare a detailed Scope of Work which could be issued to prospective bidders, facilitating accurate bid responses. The Scope of Work covered major areas of analysis as follows:

- Studying the existing SPF data structure & Mustang tool databases (SPPID, SPI) for identifying all activities involved in ensuring tighter and successful integration with the SPF system, enabling easy data exchange among SPF, SPPID & SPI
- Analyzing and identifying Publish & Retrieve mapping requirements for SPI and SPPID based on Takreer standards
- Studying mechanical datasheets for scoping all activities required to load mechanical datasheets and their data to SPF
- Accurate scoping of the Quality Check System - QCS (Non-SmartPlant document/drawing bulk load utility) for publishing non-SmartPlant data to SPF
- Analyzing SPPID reports for publishing necessary SPPID data to SPF.
- Analyzing SPI reports for publishing necessary SPI data to SPF.
- Scoping SPF configuration activities pertaining to capture of purchase and supplier information
- Analyzing integration requirements with Maximo and Pacer and scoping the required activities accurately
- Analyzing Maximo and Pacer database structures, and scoping all activities required for sending Maximo and Pacer table data from SPF to them
- Analyzing and scoping integration of Maximo and Pacer with SPF

Apart from the Scope of Work document, they also created an Implementation & Integration Plan as well as supportive reports like Mapping Spreadsheets, Tool Data Audit Reports, and an SPF Audit Report.

Impact

Rolta handed over Scope of Work and basic functional design documents created based on the detailed study of existing systems (like SPPID, SPI, Maxima and Pacer) as well as the functional requirements of Dodsal/Takreer. These documents were then issued to prospective bidders and greatly helped facilitate accurate bid responses from them.

About Rolta

At Rolta, we envision a better future, and then design technology to create that future. Our innovative IT solutions span various verticals, including Utilities, Transportation, Process, Power, Banking and Insurance. Through our cutting edge software for mapping and earth sciences, we also provide a complete array of solutions for Defense and Homeland Security, including C4ISTAR information systems, Military Communications, Digital Soldier and Vehicle Systems. Our team diligently works to exceed our customers' expectations, and has successfully executed strategic projects in over 40 countries.