



## **CN103179 Scope Of Works**

### **BASE SCOPE CIVIL, MEP & GENERAL CONSTRUCTION WORKS**

#### **INTRODUCTION TO THE RUMAILA FIELD**

The Rumaila field, located 50 kilometres west of Basra in Southern Iraq, is one of the largest oil fields in the world. The field is approximately 80km long by 20km wide and consists of two parts, South Rumaila and North Rumaila.

The Rumaila field is operated by an unincorporated joint venture called the Rumaila Operating Organisation (ROO), comprising the Basra Oil Company (BOC), BP, PetroChina and the State Oil Marketing Organisation (SOMO). bp and PetroChina have established Basra Energy Company Limited, an incorporated joint venture, to own and manage their interests in the Rumaila field in Iraq. Basra Energy acts as Lead Contractor and enters into all contractual arrangements required by the ROO.

The COMPANY is developing several locations throughout the Rumaila oilfield and Qarmat Ali water treatment plant in Southern Iraq. The COMPANY requires the general construction works (ground works, demolition, sub-structures, superstructures, steel works finishes, water system, sewage system and builders work in connection with.

#### **SERVICES PROVIDED BY SERAYA**

- Demolition and removal of existing structures
- Ground preparation and enabling, excavation, grading, importing of back fill, levelling and compaction.
- Excavation of trench foundations and concrete bases, erection of formwork and preparation and placement of reinforcement bar.
- Concrete pouring and oversight from batch plant to site. Provision of all aggregate test certificates, managing concrete pour, slump tests and preparation of concrete cube tests at 7, 14 and 28 days. Monitoring and care for concrete during the curing, hydration process.
- Erection of substructures, brick and blockwork to poured foundations.
- Erection of superstructures, steel portal frames, Pre-Engineered Metal Buildings, brick and blockwork walls and elevations.
- Formation of roof structures flat and pitch together with associated weathering details.
- Development and installation of mechanical and electrical services, first and second fix.
- Liaison with ITC and specialist sub-contractors in regard supporting services. Test and commissioning of M&E installation.
- Completion of finishes, painting decorating, suspended ceilings, tiling, rendering and cladding as required.
- Preparation of designs and supporting shop drawings, completion of as built drawings and preparation of Operation & Maintenance Manuals at project completion.

Seraya has sole responsibility for the following aspects of the WORK wherever applicable providing adequate PERSONNEL to perform the following project functions:

- Design, engineering and construction activities.
- Supervision, co-ordination.
- Procurement, materials management, materials handling, temporary storage and expediting activities.
- Planning and project controls activities. (e) HSSE compliance and management.



- Quality Assurance and Quality Control compliance and management. (g) Risk and opportunity management and activities.
- Interface management; and
- Industrial relations