

### **1.1.37 Protection**

- A. The Contractor shall be responsible for the adequate protection of the Plant until the time of receiving the Provisional Acceptance Certificate. In particular the Contractor shall cover the Plant by adequate sheeting to prevent soiling caused by civil or other works.

## **1.2 Part 2 Mechanical Equipment**

### **1.2.1 Scope**

- A. This section of the Specifications covers the design, manufacture, supply, erection, connection, testing and commissioning of all mechanical equipment, systems and auxiliaries required for the project and as before mentioned in other sections of this contract.

### **1.2.2 Corrosion Protection**

- A. Protective Coating Systems for all Metallic Equipment shall be corrosive resistant to the environment and against high Saline Seawater, surface water and sub-surface water.

### **1.2.3 Design**

- A. The Tender Drawings show a general arrangement of the Plant, providing space for a wide range of equipment. The Contractor, when reviewing the plant layout and the auxiliary systems, shall have due regard to ease of operation, maintenance, repair, replacement and access to the various components of the Plant. Special care shall be taken to enable easy removal / replacement of valves, motors etc. without using additional temporary supports.
- B. If any departures from these layouts are proposed by the Contractor then such alterations shall be shown separately on drawings to be submitted by the Contractor together with his Tender.
- C. When reviewing and re-designing the Plant, the Contractor shall prepare, and submit for the Engineer's approval, his own technical and process calculations for all systems of the Plant detailing:
  - a. Friction losses of the entire pressure pipe systems to be installed
  - b. Dimensioning of all supports for equipment and pipe work, including thrust blocks, fixed and sliding points