

**(1) Reverse Osmosis Desalination plant - 50TPD**

- i. Production capacity: in a range of 2083 ltr/hr (50cmb/day)

**(2) Power for RO plant**

- i. Electrical DB 3P100A incoming
- ii. Electrical 2x3P63A and 2xSP40A outgoing
- iii. 4C SWA Electrical cable between the main DB to plant house
- iv. 4C PVC Electrical cable between plant house DB

**(3) Reject water line - connection of reject water line**

- i. Construction of pit 1000x1000x1000 bricks work with masonry
- ii. Connection of reject new plant and old plant reject line to this pit
- iii. Reject water line (PVC pipe line) from pit to sea

**(4) Sea water intake pipe line**

- i. sea water intake pipe line uPVC4" & connection fittings
- ii. Sedimentation tanks 2500ltr
- iii. Sea water INTAKE Pump
- iv. Intake pump control board

