



**FPOC/Flexible/Umbilical Post Lay Jet  
Trenching Offshore Safaniya**  
Q1 2019 / TRS1LD CFE SPREAD



## Capabilities

Max Jet Flow	2,600L/s
Max Jet Pressure	140kPa
Max Jet Power	290kW
Minimum Operating Depth	1m



## Personnel

- 6 Rotech operators for 24hr operations
- 2 additional Rotech operators are supplied to operate the jetting system for soils in excess of 140kPa

**Rotech Subsea Ltd** were contracted by **SAIPEM** as part of a Power-Fibre Optic Cable (PFOC) and Flexible and umbilical **Post Lay Jet Trenching Project**. The Rotech Subsea **TRS1LD** tool c/w HP Jets was selected by Saipem for this workscope due to advanced Technical capabilities and cutting ability in stiff soils.

The spread of equipment was mobilised on the **Mubarak Multicat** Vessel to complete the post lay trenching of various FPOC, flexible pipelines and umbilicals.

TRS1LD performance was as expected and Rotech Subsea delivered as promised in soils in excess of 200kPa undrained shear strength.

Each product was lowered to **1m Top of Pipe/Top of Cable** below the adjacent seabed level. The post lay trenching operations were completed whilst progressing at a rate averaging 3m/minute.