



PGS INTERNATIONAL
SUCCESS
STORY

Water & Chemical
injection packages

Customer : SONATRACH-ENI
Industry : Oil & gas Upstream
Order date : 2019
Completion : 2021



Executive summary

The scope of work and supply awarded to PGS on this project consists in the supply of 16 water and chemical injection packages fully engineered, fabricated, assembled and tested which include :

- Water storage tanks :

- Storage tanks with capacity of 50m3 with specific internal coating and full instrumentation (LI/LT/PI/TI/...) including isolation valves

- Filtration and booster pumps :

- Filtration package of 10 µm with DPI
- Booster pumps

- Water injection package :

- Three explosion proof triplex pumps
- SS piping and isolation valves
- Full set of instrumentation (PI/ PSL/PSV/...)

- Chemical injection package :

- 2 API 675 injection pumps with explosion Proof motors
- SS storage tank with agitators
- Full set of instrumentation (PI/PSL/...)



Project Overview

Scope of supply :

- 20 Storage tank for clean water
- 16 chemical injection package
- 16 water injection packages
- 16 water filtration packages
- 16 booster pump packages
- Automation and control system

Scope of services :

- Engineering
- Project management
- Start up assistance
- Pre-commissioning And commissioning
- After sales and maintenance
- Automation and control system
- Control system cabinet with air conditioning
- Power supply cabinet
- Variable speed drive for duplex and booster pumps
- SCADA system
- PLC control system fully integrated and tested

Key achievements

As one stop solution provider, PGS was capable of delivering an integrated project that includes both process packages and a customized control system.

PGS successfully delivered the project within the contractual delivery terms despite the circumstances of the Covid period.

Our valuable customer has been delivered a fully automation process packages designed, tested, commissioned and assisted by PGS team.

Customer satisfaction

The Customer has demonstrated along the project progress period a deep satisfaction on both sides of project : materials quality and support service.

The customer has shown a tremendous gratitude towards the project engineering and management teams.

The mechanical completion and the commissioning of the packages has been successfully achieved in compliance with the HSE requirements and under a very optimized period.



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