

GUYANA. GEORGETOWN

SCOPE OF WORK

The term of the contract shall be as follows:

Type: Assessment	Scope of application: GUYANA. Georgetown.	Code:
Owner: DSC		Revision:

1. Objective

To provide a Security Services to the REPSOL Project in GUYANA.

2. Background

REPSOL intends to operate in the following manner:

- Majority of personnel accommodated in a hotel in Georgetown (GT).
- Some staff accommodated in other areas (TBD).
- Alternative offices
- A permanent office in GT.
- A port logistics base outside of GT (Shorebase).
- Offshore operations.

Personnel will move between the international airport(s), their accommodation, the office and the logistics base¹

3. Scope of Work

Context

Drilling operations will start in the well Beebei-1 on May 15, 2022 and it is located in the Kanuku Block in offshore Guyana. Services provided under this contract would cover operations for both 2022. The estimated operation time for the well is 60 days.

The water depth is 71m and the TD of the well will be 4539m MDRT / 4390m TVDSS. The geological targets are Oligocene, Upper Campanian and Lower Campanian. The Beebei-1 exploratory well will target two main objectives and one secondary objective. The main objectives include one in the Tertiary (Oligocene) and one in the Upper Cretaceous (Upper Campanian). The Tertiary prospect is defined as a stratigraphic updip pinch out trapping well-confined channel complex sandstones. The Upper Campanian prospect is defined as a stratigraphic updip pinch out trapping moderately confined channel complex sandstones. The secondary objective is targeting Upper Cretaceous (Lower Campanian) stratigraphic updip poorly confined channel complex sandstones.

Six wells have been previously drilled in the Kanuku block (Carapa-1, Jaguar-1, Berbice -2, Abary-1 and Mahaica-1 and 2).

Rigsite Service

Two Wellsite Biostratigraphers plus two sample preparation technicians will be required on the rig during the drilling operations for continuous 24 hours operations, and samples will start being analyzed once we start having returns.

To maintain continuity in this project the biostratigraphers and technicians will have a 21 back-to-back rotation with the same personnel assigned to the project for the duration of the proposed wells.

¹ The exact locations will be confirmed on Contract award.

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The areas of expertise for the biostratigraphers required are Micropaleontology and Nannopaleontology and Palynology. Contractor recommendations for type of service for the formations being planned to drill are welcomed and will aid in determining the best evaluation of the section to be drilled.

The CVs of all Wellsite biostratigraphers involved in the project must be approved by Repsol. They should have a minimum 5 years of experience in Guyana or Caribbean/Atlantic area. The technicians also should have a minimum 5 years of experience in Guyana or Caribbean/Atlantic area. All wellsite personnel proposed must all the certifications to work offshore Guyana and be legally entitled to work in the country.

The biostratigraphy service will be crucial to define casing points as well as support the Wellsite Geologist to make correlations. The biostratigraphers will report directly to Wellsite Geologist.

However, they will need to interact constantly with the Drilling Crew for Drilling decisions.

Reports will be submitted daily (before 06:00 am at rig site) with updates as required depending on operations requirements. Generally, 12-hour shifts will be operated, however depending on the operations, the biostratigraphers may be needed to be available at any time during critical operations. Report template shall be approved by Repsol at its sole discretion prior services are provided.

An End of Well Report (EOWR) will be provided to Repsol Operations Geologist within fifteen calendar days after reaching well TD, and it must include range charts, and the results and findings of all biostratigraphers working on the well. The prepared/analyzed cuttings from the rigsite will be delivered at the end of the well to the Repsol Operations Geologist.

Bid should specify any needed materials, equipment and software licenses and be clearly itemized in the financial matrix. And also bidder must include local experience as a contractor in Guyana and Caribbean region.

Paleo Sample Collection

In addition to the mudlogging sampling, an additional set of cuttings will be acquired for the biostratigraphy analysis.