

REQUEST OF PROPOSAL FOR EXPRESSION OF INTEREST – CEMENTING SERVICE

Introduction

LaGEO S.A. de C.V. (LAGEO) a power production company of El Salvador is in the final stages of negotiating a loan with the World Bank (P170089 – financial identifier of the project within the World Bank) to increase the generation of electrical energy based on the geothermal resources available in the country. The scope of the project consists of the construction and commissioning of two condensing geothermal plants, one to be installed in the Chinameca geothermal field in eastern El Salvador with a generation capacity of 25 MW and the other to be placed in the San Vicente geothermal field in central El Salvador with a generation capacity of 10 MW.

As part of the overall project, additional geothermal wells will be drilled that require cementing services. The objective of this expression of interest request is to understand the market for the specific requirement of cementing service for total of nine (9) wells in the Chinameca and San Vicente geothermal fields. Likewise, establish communication with interested companies, who will subsequently be informed about the tender process and invited to participate in it.

Project Description

Chinameca Geothermal Field

The Chinameca geothermal field is located 130 km east of San Salvador, the capital city of El Salvador, in the department of San Miguel, within the Pacayal-Limbo volcanic complex. The towns of Chinameca and Nueva Guadalupe are located to the north of the geothermal field.

The Chinameca geothermal field development project considers the generation of electrical energy, by means of the installation of a 25 MW simple condensation Flashing cycle generation unit. There are currently several production and reinjection wells, but it has been considered to drill six (6) additional wells to complete the production and reinjection capacity needs required by the generation plant.

San Vicente Geothermal Field

The San Vicente geothermal field is located 40 km east from San Salvador, in the Department of San Vicente, on the north flank of the Chichontepec volcanic complex at elevations between 800-1140 m.a.s.l. south of the town of Tepetitán.

The scope of the project consists of the construction and commissioning of a 10 MW condensing single-flashing cycle geothermal plant. Currently, there are several production and reinjection wells, but it has been considered to drill three (3) additional wells to complete the production and reinjection capacity needs required by the generation plant.

Required services scope

Cementing services are required for six (6) wells in Chinameca geothermal field and three (3) in San Vicente geothermal field.

Bidders responsibility:

- The correct execution of operations according to the required services, standards, industrial safety and environmental protection measures, which will be provided by LAGEO in due course.
- The timely supply of the necessary personnel, equipment, tools and accessories according to the scope of the planned service.

It is planned that the international public bidding process will be carried out in the first semester of 2021, the cementing services will begin in Chinameca at the end of the second semester of 2021, and in San Vicente the service will begin approximately six (6) month after it has started in Chinameca.

Reply letter content.

When submitting your reply letter, you must also attach duly completed with the information requested in the form attached to this request for expression of interest.

Interested company overview.

The overview of the company, corporation or consortium that is sought is of a company that performs cementing services in geothermal wells with proven experience and technical knowledge. With an economic and financial solvency, logistics capacity in the loading, handling and unloading of heavy equipment, as well as the safe handling of the aforementioned equipment.

Additional reference information.

The reply to this letter of expression by the interested parties can be presented in Spanish or English. The envelope must be labeled with the designation "Letter of Expression of Interest for the projects of Cementing Services for six (6) wells in Chinameca geothermal field and three (3) wells in San Vicente geothermal field – EoI (Expression of Interest)" and they must be sent to the following postal address (or sent by email) no later than February 21 of 2021.

