Dominica Geothermal Development Company Limited *Powering a New Generation...*	**Bid Clarification Request** **(In accordance with ITB 7.1)**	Reference Number: **RZ042100-PGG-COM-0047**

Dominica Geothermal Risk Mitigation Project Contract

Subject: Bid Clarification 0047 - Gas Removal System

Bid Document Clause: 12.2.10

Detailed description of request

PLEASE CONFIRM that the design for NCG system (as stated below) does not have to be exclusively adopted and that the bidder has the choice of any alternative efficient design.

12.2.10 Gas Removal System
The following requirements shall be provided per Unit.

Description
A hybrid two stage gas removal system shall be provided. The system shall comprise multiple independent trains in parallel. The requirement is for two trains each of 100% full output.

It shall comprise of;
• first stage comprising steam jet ejectors as two 100% duty, and
• last stage comprising one 100% duty liquid ring vacuum pump and one 100% standby steam jet ejector plus
• associated inter- and after-condensers and coolers draining to the main condenser or cooling tower as appropriate, and associated auxiliaries.

Alternatively,
The system shall be designed to extract non-condensable gases from the main condenser gas cooler section and to discharge the gas into the cooling tower plume above the fan level.
The system shall be so arranged to ensure the continued operation of the system in the event of a failure of any one active component.
The gas removal system shall be designed to maintain condenser vacuum above the turbine trip limit under all operating conditions including transients in steam pressure as set out in the Schedule of Interfaces and Employer Obligations.
Gas removal system shall be equipment with sufficient automation to permit full remote start-up and shut down without operator intervention in the field.

Enclosures: None

Response:

It is acceptable for Bidders to offer an alternative Gas Removal System as allowed in the Specification, section 12.2.10.1. An equivalent alternate design shall meet the requirements for efficiency, reliability and redundancy as described in the Specification.

Enclosures: None

This clarification does not require an Addendum to the Bid Document.

Please acknowledge receipt of this clarification by completing the below information and returning to the sender:

Bidder Company Name _____

Bidder Contact Name _____

Date Received _____