



DETAILED DESCRIPTION OF THE REQUEST FOR PROPOSAL TO ESTABLISH DIRECT-USE APPLICATIONS FROM GEOTHERMAL BRINE IN MENENGAI OR BARINGO-SILALI GEOTHERMAL FIELD IN KENYA.

RFP REF: GDC/BD/RU/RFP/002/2025-2026

1. KEY INFORMATION

Energy Supply	Geothermal Development Company Limited (GDC)
RFP Reference Number	GDC/BD/RU/RFP/002/2025-2026
RFP Title	Establishment of Direct-Use Applications from Geothermal Brine in Menengai or Baringo-Silali Geothermal Field.
Date of Issue	9 th June 2026
Closing Date	24 th June 2026 at 1400HRS E.A TIME
Mode of Submission	Email to eoigdc@gdc.co.ke or Hand-delivery to the GDC KAWI Office (address below).
Submission Address	The Managing Director & CEO, GDC, Kawi House, South C Bellevue, Popo

	Lane, Off Red Cross Road, P.O. Box 100746-00101, Nairobi, Kenya
Language	English
Further Enquiries	eoigdc@gdc.co.ke Tel: +254 719 037 000 (Monday–Friday, 08:00–17:00 EAT, excluding public holidays)
GDC Website	www.gdc.co.ke

2. BACKGROUND INFORMMATION

Geothermal Development Company (GDC) is a fully government-owned organization under the State Department of Energy. It is mandated to develop geothermal resources in Kenya through exploration, drilling and utilization. As part of its mandate, GDC promotes geothermal direct-use; applications beyond electricity generation through sale of heat from geothermal brine (hot geothermal waters) to interested investors and developers.

In line with this, GDC invites interested eligible Investors to submit their Request for Proposal to establish Direct-Use Applications from Geothermal Brine within the Menengai or Baringo-Silali Geothermal Fields in Kenya.

Interested parties are encouraged to indicate their specific areas of interest in the utilization of geothermal brine, including but not limited to:

- Industrial direct-use applications (e.g., process heating for textile, pulp paper, glass, manufacturing, carbon air capture etc.).
- Agricultural Direct-Use applications (e.g., greenhouse heating, aquaculture, crop drying, aquaculture etc.).

Figure 1 shows application of geothermal energy utilization over a range of temperatures.

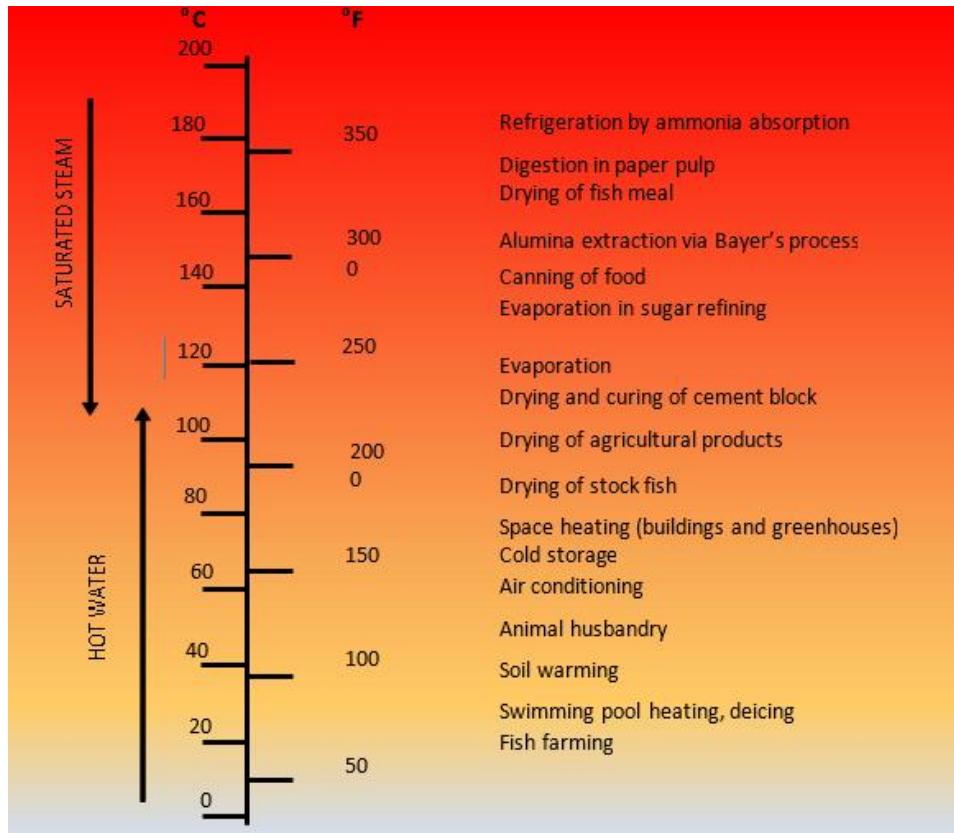


Figure 1: Edited Lindal diagram.

3. SCOPE OF WORKS

GDC's Responsibilities

GDC shall:

- i. Supply brine for to Investor's premises/project at agreed parameters by both parties, which include but not limited to temperature, pressure and flow rates
- ii. Construct the brine pipeline to the GDC-Investor interface facility.
- iii. Ensure continuous or scheduled brine availability or as agreed by the two parties
- iv. Bill the Investor for the brine utilized at the agreed rates and tariffs.
- v. Implement brine reinjection strategy in compliance with reservoir management practices
- vi. Any other responsibility that falls under GDC's roles.

Investor's Responsibilities

Investor shall:

- i. Design, finance, and install their facility utilizing geothermal brine.
- ii. Utilize the brine at the agreed rates and conditions and return the same to GDC systems at the agreed conditions.
- iii. Pay GDC for the brine utilized at the agreed rates and tariffs.
- iv. Comply with the prevailing regulations and safety standards e.g. NEMA regulations.
- v. Any other responsibility that falls under Investor's roles.

Joint Responsibilities

- i. The parties shall jointly undertake the designing, installation, and maintenance of the following equipment at the interface point:
 - a) Flow control systems
 - b) Monitoring instrumentation
- ii. The parties shall jointly read and record the brine metering equipment every month.
- iii. Any other joint responsibility.

4. ELIGIBILITY REQUIREMENTS

To be considered eligible, an interested investor must meet the following mandatory requirements and provide supporting documentation:

- i. The investor must be a legally registered business entity (company, consortium, partnership, or cooperative) under the applicable laws of Kenya or, for foreign investors, under the laws of their country of incorporation. Foreign entities must provide evidence of intention or ability to establish a legal presence in Kenya.
- ii. The investor shall not be debarred, blacklisted, or subject to any adverse regulatory action by any competent authority in Kenya or in any other jurisdiction.
- iii. The investor must demonstrate financial capacity sufficient to fund the proposed investment. Evidence may include audited financial statements (last two years), a bank reference letter, or a letter of financial support from an accredited financial institution.

- iv. The investor must provide a clear conceptual description of the proposed project, including the intended application, preliminary scale of investment and projected energy consumption.
- v. Consortia are permitted to submit a joint RFP provided a lead entity is clearly identified and a Memorandum of Understanding (MoU) or letter of intent to form a consortium is attached.
- vi. The investor must confirm willingness to comply with all applicable Kenyan laws, including environmental regulations, land-use requirements, and other applicable laws.

5. SELECTION AND EVALUATION CRITERIA

All submissions received will be evaluated by a duly constituted Evaluation Committee in accordance with GDC's Resource Utilization Policy. The following criteria will be applied to shortlist investors for the subsequent engagement:

Evaluation Criterion	Weight (%)	Key Considerations
Technical Viability of Proposed Application	40%	Clarity of concept, technical feasibility, alignment with available brine temperature and flow parameters.
Financial Capacity & Investment Scale	30%	Demonstrated financial strength; proposed capital investment size; evidence of financing (equity, debt, or grant funding)
Relevant Experience & Technical Capacity	10%	Track record in comparable investments; qualifications of key personnel; relevant past projects
Environmental & Social Sustainability	10%	Compliance with relevant environmental requirements; carbon footprint considerations; responsible

		resource use; community engagement plan
Project Timelines	5%	Proposed implementation timeline; readiness of financing and approvals
Readiness to execute the project	5%	Provide relevant evidence supported by financing, necessary approvals, commitment letters or operational resources.
TOTAL	100%	Pass mark is 70%

6. CONTENT OF THE REQUEST FOR PROPOSAL

Interested investors must submit a concise Request for Proposal document (not exceeding fifteen (15) pages, excluding attachments) in English, covering the following:

- i. Cover Letter-On company letterhead, signed by an authorized signatory, stating the investor's interest.
- ii. Investor Profile-Brief description of the company/consortium, ownership structure, country of incorporation, and core business activities.
- iii. Project Concept Note-Description of the proposed application, the geothermal brine utilization approach, indicative project scale, and intended project timeline.
- iv. Financial Overview-Summary of the proposed investment size, intended funding structure (equity/debt/grants), and evidence of financial capacity (bank reference or letter of support).
- v. Relevant Experience -Summary of comparable past projects or business activities, with references where available. This may not be applicable for start-ups.
- vi. Environmental Commitment-Statement of commitment to relevant environmental compliance and sustainable resource use.
- vii. Mandatory Attachments:

- Certificate of Incorporation / Business Registration Certificate or equivalent for foreign firms.
- CR12 (for Kenyan companies) or equivalent Directors/Shareholders declaration.
- Valid KRA PIN Certificate (for Kenyan entities) or Tax Compliance equivalent for foreign firms.
- Consortium MoU or Letter of Intent (if applicable).
- Self-declaration of non-debarment / non-blacklisting from relevant regulatory authorities from the country of origin.

7. INFORMATION SHEET

Investors to familiarize with the information below and fill out their sections as this forms a critical part of the RFP evaluation.

A. AVAILABLE AT MENENGAI	
1. Thermal Energy	
i. Available Geothermal Brine for all Direct-Use Projects.	
- Temperature	Up to 158°C
- Pressure	1 to 6 bar-a
- Flow rate	Up to 200t/hr.
- Tariff	0.766 USD/tonne
ii. Heated raw water	
- Temperature	30-120°C
- Pressure	Atmospheric pressure to < 1 bar-a
- Flow rate	Substantial
2. Fresh cold water	Borehole at municipal rate
3. Roads	Well maintained murram roads
4. Electricity	Supply from Kenya Power Company
5. Telecommunication	Telecommunication network is available
6. Special Economic Zone (SEZ)	Currently GDC is pursuing the registration of Menengai Resource Park as a SEZ.
B. Information Requirements from the Investors	
Name of the Company/Consortium/Joint Venture	

Address and Location of the Company/Consortium/Joint Venture		
Business Sector		
Project concept	(give a short description of the project concept)	
Thermal Energy Requirements		
Geothermal Water (Brine)		
- Temperature		°C
- Pressure		bar-a
- Flow rate		t/hr.
Hot fresh water		
- Temperature		°C
- Pressure		bar-a
- Flow rate		t/hr.
Electricity demand		
- Off-take Voltage		V
- Consumption		KVA and kWh
- KVA		
- kWh		
Raw water requirements		
- Quantity		m ³ /day
Land requirements		Acres
Other infrastructural requirements (list them and quantify)		
-		
-		
-		
-		
Raw materials to be used		
- Type of raw (s)		
- Quantity		
- Availability		
Final products		
- Type		
- Quantity		
- Market		
Waste generation and Management		

- Type		
- Nature of waste (solid, liquid, gaseous, sludge)		
- Quantity		
- Disposal		
- Nature of waste (solid, liquid, gaseous, sludge)		
- Quantity		tons/day
Impact of the investment to the local community (state Four main impacts - - - -		
Potential for job creation		
- Direct labour		Number of persons
- Indirect labour(value chain)		Number of persons
Firms expertise in that investment venture (experience in that investment) - Attach a summary of the achievement in this area		Number of years

8. SUBMISSION

8.1 Electronic Submission

RFP documents submitted electronically must be emailed to eoigdc.co.ke with the subject line: "**RFP Reference No. GDC/BD/RU/RFP/002/2025-2026.**"

Emailed submissions must be in PDF format.

8.2 Physical Submission

Alternatively, RFP documents may be hand-delivered in a sealed plain envelope, clearly marked on the outside:

"RFP REF: GDC/BD/RU/RFP/002/2025-2026-REQUEST FOR PROPOSAL TO ESTABLISH DIRECT-USE APPLICATIONS FROM GEOTHERMAL BRINE IN MENENGAI OR BARINGO-SILALI GEOTHERMAL FIELDS."

Addressed To: The Managing Director & CEO

Geothermal Development Company (GDC)

Kawi House, South C Bellevue, Popo Lane, Off Red Cross Road

P.O. Box 100746-00101, Nairobi, Kenya

Deposited in the Tender box provided at Kawi House ground floor 'box labeled "Resource Utilization."

One (1) original and one (1) copy must be submitted for physical submissions

9. CLARIFICATIONS

All clarifications can be sought through the contacts below:

Office	Geothermal Development Company
Email	eoigdc@gdc.co.ke
Telephone	+254 719 037 000
Office Hours	Monday to Friday, 08:00 – 17:00 EAT (excluding public holidays)
Physical Address	Kawi House, South C Bellevue, Popo Lane, Off Red Cross Road, Nairobi, Kenya
Website	www.gdc.co.ke

GDC reserves the right to accept or reject any or all applications without the obligation to assign any reason for the decision.