GEOKOAX®
geothermal systems

E-Mail: info@geokoax.com
Tel: +1-800-334-0736

Project Request

Please provide the following information

Contact Details

Your Position: ☐ Project Owner ☐ Energy Consultant ☐ Architect ☐ Heating Engineer ☐ General Contractor ☐ Other: _____

Company Name: _____

Contact Name: _____ _____ _____
(Surname / Last Name) (First Name) (Initial)

Address: _____
(Street Name / Apartment Number / Unit Number)

City: _____ Postal / Zip Code: _____
Country: _____ State / Province / Region: _____
Telephone Number: _____ Mobile / Cell: _____
E-Mail Address: _____ Website: _____

Project Overview

Project Name: _____

Civic Address: _____

City: _____ Postal / ZIP Code: _____
Country: _____ State / Province / Region: _____

Project Type: ☐ New Construction ☐ Retrofit

Building Type:: ☐ Residential ☐ Industrial ☐ Commercial ☐ Other: _____

Planned Project Start Date: _____

Floor Space Of Building Requiring Conditioning: _____ or _____
(m^2 – square meters) (ft^2 – square feet)

Available Borefield Size: _____ or _____
(m^2 – square meters) (ft^2 – square feet)

Borefield Location: ☐ Below Building Footprint ☐ Adjacent to Building

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Energy Loads:*

Heating:

Total Peak Load: _____ (kW) _____ (kBtu/hr)

Annual Equivalent Full Load Hours: _____ (h)

Annual Heating Load: _____ (MWh) _____ (kBtu)

Domestic Hot Water (if provided by heat pump):

Total Peak Load for Domestic Hot Water (DHW): _____ (kW) _____ (kBtu/hr)

Annual Domestic Load for Hot Water: _____ (MWh) _____ (kBtu)

Cooling (if required):

Total Peak Load: _____ (kW) _____ (kBtu/hr)

Annual Equivalent Full Load Hours: _____ (h)

Annual Cooling Load: _____ (MWh) _____ (kBtu)

Active Or Passive Cooling? ☐ Active ☐ Passive

*Please note, that information about the energy loads is a basic requirement for our geoSIM-borefield calculation.

Heat Pump (if known)

System Type: ☐ Heat Pump only ☐ Hybrid

If Hybrid – Secondary Equipment/System: _____ (e.g. boiler, chiller, cooling tower, snow melt etc.)

Total Capacity of Heat Pump (Heating): _____ (kW) _____ (tons)

Total Capacity of Heat Pump (Cooling): _____ (kW) _____ (tons)

Estimated COP (Heating): _____

Estimated COP (Cooling): _____

Additional Documents And Data:

If available, please forward following documents and drawings for review:

- ☐ Results of energy model/energy audit (retrofit) with breakdown of monthly or hourly heating and cooling loads
- ☐ Information about restrictions and limitations (e.g. water protection area, temperature limitations, maximum vertical depth)
- ☐ Geological data: Geological (lithological) column, information about hydrogeological settings, Thermal Response Test (TRT) results (average density and heating capacity of ground, average earth temperature)
- ☐ Project site plan with indication of available drilling space
- ☐ If new construction: Architectural drawings and foundation plan (PDF or CAD)