



Geo-Energie inc.

GEOHERMIA

Title and project location: École St-Joseph, Shawinigan, QC
Implementation period (month, year): From March 2005 to June 2006
Client name: Commission Scolaire de l'Énergie / Éco-Groupe Inc.
Name and phone number client's representative: Available upon request

Construction or work costs

- Total: N/A
- Professional's specialty related portion : 125 000.00\$

SUMMARIZE THE NATURE OF PARTICIPATION OF THIS PERSON TO THIS PROJECT

A) Project description

Geothermic conversion of an existing heating system, on the school's new section.

B) Scope of work

The new section of the school, built in the 70', has an air-forced heating system, running on natural gas. A geothermic system with a 20 tons capacity was added as main heating source.

C) Main challenges for project realisation

To carry out the conversion without impairing the school's daily operations, while ensuring student safety. Existing system's change-over to specific geothermic operation guidelines (at low temperature).

D) Complexity and scale of the project (tender cost and actual cost)

The project required 27 wells of 205 feet, grid distributed under the parking of the school. The initial geothermic field design (9 wells of 500 feet) had to be modified due to a tremendous thickness of overburden which required more drilling.

E) Contribution of this person in each stage of the project (nature of tasks and challenges)

Budgetary estimates for anticipated costs; geothermic systems design, blueprints and specs, technical support during start-up.

F) Method for respecting established timetable, blueprints and construction specifications

Maximization of on site resources, training of project contributors

G) How this person distinguishes himself

A thorough knowledge of commercial geothermics as well as an unquestionable leadership made it possible to start and to very quickly calibrate the geothermic components of the installation.



ST-JOSEPH SCHOOL, SHAWINIGAN, QC

