



January 6, 2009

AMEC File: PR09-##

Residential Construction Company

Lethbridge, AB

Attention: Mr.

**Re: GEOTECHNICAL INVESTIGATION
PROPOSED RESIDENTIAL FOUNDATION
LETHBRIDGE, AB**

1.0 INTRODUCTION

As per your request, AMEC Earth & Environmental, a division of AMEC Americas Limited (AMEC) is pleased to submit the following proposal to conduct a geotechnical investigation and provide geotechnical engineering services for the above captioned project.

2.0 PROJECT UNDERSTANDING

AMEC understands the project scope includes advancing two (2) boreholes to a maximum depth of 9.0 m. The boreholes would have a diameter of 200 mm.

The purpose of the geotechnical investigation is to determine the subsurface conditions at the above stated location. The conditions would include the soil properties. Below outlines AMEC's proposed scope of work, project schedule, and estimated costs to complete the geotechnical investigation.

3.0 GEOTECHNICAL WORKSCOPE

The purpose of the geotechnical exploration program is to investigate the subsurface conditions (i.e. soil stratigraphy, etc.) relative to the proposed residential structure footprint.

The geotechnical exploration program will be conducted utilizing a truck mounted drill rig supplied and operated by (insert Drill Company), Alberta. To determine the appropriate footing design, AMEC proposes to advance two (2) boreholes to a maximum depth of 9.0 m.

Prior to the drilling program, AMEC will arrange for an underground utility clearance with *Alberta 1st Call* and a private locator to confirm utility locations.



4.0 GEOTECHNICAL METHODOLOGIES

4.1 Drilling and Soil Sampling

During drilling the soils will be logged by AMEC geotechnical personnel.

4.2 Standpipe Installation and Groundwater Monitoring

Groundwater is not an issue. Water was not encountered during the backfill or drilling process.

4.3 Reporting

Upon completion of the field work and laboratory testing, a geotechnical report will be prepared for the area of the lot bounded by City of Lethbridge setback requirements which would provide descriptions of the soil profile including thickness of the fill sequence. This report would provide recommendations for foundation element design, site preparation and other geotechnical considerations for the area within the setback boundaries.

5.0 SCHEDULE

The drilling program would be completed within one day. The final report would be available within thirty working days after the drilling program is completed.



6.0 FEES

Based on the scope of work outlined above, AMEC proposes a budget of **\$3,500.00** plus GST, to conduct a geotechnical evaluation for the proposed warehouse development. A breakdown of the budget is provided in Table 1, below.

TABLE 1: Cost Estimate for Geotechnical Investigation

Drilling contractor including mob/demobilisation, drilling time and supplies	\$ 1,000.00
AMEC field representative & expenses including 1 Call, private locates, drilling supervision, borehole lay-out, surveying and return site trip for groundwater monitoring	\$ 1,000.00
Laboratory soils testing	\$ 500.00
Geotechnical report including disbursements	\$ 1,000.00
Total (less GST)	\$3,500.00

The above cost estimate assumes that the proposed drill locations are accessible for the truck mounted drill rig, and that the Owner will provide drawings to assist AMEC in locating the proposed facility footprints in the field.

The fees in the above tables are considered to be a maximum for the scope of work outlined in this proposal. If the scope of work is changed due to increased project requirements or unforeseen circumstances such as weather/site conditions, amendments to the proposed costs should be expected. However, no additional work would be conducted without prior approval.

AMEC reserves the option to transfer budget amounts between tasks, recognizing that budgets for some tasks may over-run, and others under-run within the overall upset fee.

Construction Company Name
Geotechnical Investigation
Residential Structure
Lethbridge, AB.



7.0 CLOSURE

AMEC trusts that this proposal adequately demonstrates our capability to dedicate qualified personnel to the project and to complete the assignment requirements in a diligent and cost effective manner. AMEC would be pleased to meet and discuss specific project requirements, project scope and /or budget.

We trust that this information satisfies your present requirements. Should you have questions, please contact this office at (403) 327-7474. If you wish AMEC to proceed with this project please sign the attached terms and conditions and fax to the undersigned at (403) 327-7682.

Respectfully submitted,

AMEC Earth & Environmental
A division of AMEC Americas Limited