D. Motor and compressor capacity to suit project requirements.

E. Drop hammer weight for Standard Penetration Test.

F. Drop hammer free fall length for Standard Penetration Test.

G. Applied energy of Standard Penetration Test in accordance with ASTM D 4633 - 86.

H. Shoes and split spoon dimensions and condition for Standard Penetration Test.

I. Condition of catcher(s) to be fitted in the spoon sampler.

J. Condition of cones and rig for Cone Penetration Test and means for providing the required reaction (20 tons a maximum).

K. Condition of bailers, dip-meters, piezometers etc for groundwater sampling, measuring and monitoring.

L. Condition and dimensions of rods, casings, Shelby samplers, hollow stem augers, core barrels (split type only), bits and other drilling, sampling and testing tools.

M. Condition and dimension of the field shear vane and the torque meter.

N. Suitability for project site conditions

O. All proposed test equipment, procedures, calculations and reporting formats should be in accordance with applicable internationally acceptable standards and practices.

P. Perform Work in accordance with ASTM D 420 - 93 - Guide for Investigation and Sampling of Soils. BS 5930 - Code of Practice for Site Investigations, and BS 1377 - Methods of tests for Soils for Civil engineering. Maintain one copy on site.

Q. Describe soils in accordance with ASTM D 2488 - 93 - Practice for Description and Identification of Soils (Visual - Manual Procedure). Provide rock in accordance with Clark & Walker.

R. Boreholes are to be logged by an experience Geotechnical Engineer/Engineering Geologist.

3.1.10 Safety

A. Adequate safety measures should be taken under the provisions of Section 01540 - Health and Safety.

3.1.11 Temporary Controls

A. Issue a “Notice of Intent” under the provisions of Section 01560 - Temporary