SOU Science Building Geotechnical Study - Scope of Work

SOU will soon begin a seismic upgrade of the Science Building. In order to properly evaluate the building a geotechnical study is required. In this study provide a site specific seismic site hazard investigation as defined by OSSC Section 1802.4. The report should provide allowable bearing pressures for long and short term loading, active and passive soil pressures, a friction coefficient, a site class for the soils and any seismic hazards at the site.  The report should also address the potential for liquefaction.  Additional information such as design criteria for micro-piles or helical piles may also be needed if significant upward seismic forces need to be resisted.