

## Exhibit No. 1

### (Reference Question 7: Experimental Description)

This application is for a wind profiling radar system. This system was developed in a cooperative research and development agreement between the National Oceanic Atmospheric Administration (NOAA) and the wind profiler business unit, (formerly a part of Radian International), of Vaisala Inc. Wind profiling radar depends on the scattering of a transmitted signal and determining the Doppler frequency, the speed of the wind can be determined. Temperature data can also be obtained by measuring the velocity of propagation of an acoustic signal in the axis of the vertical radar beam. The hardware involved will be a receiver/ modulator, a final amp/preamp, a digital control and data processor, and an antenna system. These items were developed at NOAA and are fabricated by Vaisala Inc.

It is intended that the final system in