

Justification for Application 0766-EX-PL-2014

A description of the nature of the research project being conducted.

Our company offers a GIS (Graphical Information System) software product that plots radar tracks, in real time, on a geo-located map display. As part of our ongoing customer support, we must test new radars and new versions of the software, to make sure they work together properly. This is an ongoing research project to make sure our product integrates with the most popular COTS (Common Off The Shelf) ground and marine surveillance radars.

A showing that the communications facilities requested are necessary for the research project.

Using our new communication facilities enables us to co-locate our GIS system and the radars it works with. The radars that we evaluate/integrate into our system typically must be no more than 5 meters from the network drop they use to communicate with the system. That is why it is necessary to conduct the research project at our new communications facility.

A showing that existing communications facilities are inadequate.

Our company is terminating the lease with our existing communications facility and we have moved to our new facility. Our intention is to establish our new location as a communications facility.