

Government Project Description for File #: 0311-EX-PL-2011

The Chilocco campus is utilized by the University Multispectral Laboratories as an outdoor radio frequency (RF) test range that provides a customizable RF environment for field testing operations for **multiple** government agencies providing the following capabilities...

- The ability to mimic any RF environment with automated playback of typical communications
- Provide quick access to Chilocco test site for interested government agencies if electromagnetic (EM) compatibility is of a concern
- Provide ability to interested government agencies to determine effectiveness in real signal environments
- Provide private test and assessment with realistic field deployment before / during qualification
- Provide realistic training for preparation and use of new capabilities

The operation of this system and its associated components will be at random intervals. This system and associated components will not be the focus of the testing, but will be utilized to simulate an RF environment for customer testing and validation within the confines of the location as stated on the form 442. Operation will be sporadic throughout the year based on customer test requirements. For example, the subject system and its associated components will be operated for several days out of one month and may not be utilized again for several months. Operation will be based on the customer's overall requirement.