

Government Project Description for File #: 0088-EX-CN-2017

The former Chilocco Indian School campus is utilized by the Oklahoma State University – University Multispectral Laboratories (OSU – UML) 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 customer-specific RF environments with automated playback of simulated audio communications;
- Provide quick access to the Chilocco test range for interested U.S. Government agencies if electromagnetic (EM) is a concern;
- Provide the ability to interested U.S. Government and DoD 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 throughout the calendar year. This system and associated components will not be the focus of testing, but will be utilized to simulate an RF environment for customer testing and validation within the confines of the location 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 during a specific month and may not be utilized again for several months. Operation will be based on overall customer requirements.