

AKELA, Inc.
WJ2XTG
0119-EX-CM-2019
EL490219

EXHIBIT

INTRODUCTION

As the original application explained, the experimental device is a through-the-wall surveillance radar prototype which, in its final version, should be able to identify and locate movement within a structure from a few tens of meters away. Funded by the National Institute of Justice, the development addresses law-enforcement and fire-fighter situation awareness and personnel safety. The device will enable police to locate barricaded offenders, hostage-takers, and hostages while remaining a safe distance from the building, and will enable fire-fighters to locate victims prior to entry. The device also has the potential to assist first responders in the search for signs of life through collapsed structures.

DETAILS

The requested modification will add a location at 4500 Campus Drive, Prince Georges County, College Park, Maryland. This site is a facility located at the University of Maryland, operated by the Maryland Fire and Rescue Institute, the State of Maryland's comprehensive training and education system for emergency services.

Licensee AKELA, Inc. will conduct through-the-wall radar testing and demonstrations at the College Park site to Department of Defense and emergency personnel, so as to evaluate its performance in relevant concrete training structures.