FORM 442: GOVERNMENT PROJECT DESCRIPTION

NIITEK INC.
APPLICATION FOR EXPERIMENTAL LICENSE
0639-EX-PL-2012

NIITEK seeks an experimental license in order to further develop its wireless technologies for data streaming communication between a primary landmine detection vehicle and a second route clearance vehicle in connection with the landmine detection system procured by the United States Army for immediate use in overseas combat in the Middle East in connection with Contract Number W909MY-12-D-0010. The goal of this development is to provide enhanced capability to the soldiers using NIITEK's Husky mounted landmine detection system overseas. The development costs of this integration effort, including procurement of this specific radio link, are funded by the U.S. Army pursuant to Contract Number W909MY-12-D-0010.

NIITEK develops and fields best-in-class vehicle-mounted mine and buried threat detection systems. Currently, our Husky Mounted Detection System (HMDS) is deployed in theater, saving soldiers' and marines' lives. The system has successfully detected countless threats in theater, resulting in transition to full-rate production. Army personnel have described HMDS as a "leap forward in technology in the road clearance mission." Vehicles follow NIITEK's Husky mounted detection systems on roads that otherwise would be impassible. NIITEK currently is engaged with its government customers to improve and extend the capabilities of its industry leading GPR technology. The company has several development projects underway to extend the existing technology to improve its detection capabilities, increase its interoperability with other systems, and extend its use beyond the current route clearance missions to other critical buried explosive hazards missions within the US Army and US Marine Corps.

NIITEK is developing two next generation GPR technologies. Specifically, NIITEK is currently working to advance its base GPR technology to significantly increase detection performance as well as interoperability characteristics with other military systems. The 4th generation technology will begin testing and evaluation in 2013 with potential implementation within a two year time frame. NIITEK also intends to build the first prototype of its 5th Generation technology in 2013 with an implementation horizon of four to five years. NIITEK's development of the next generations of successful GPR detection technologies includes extensive testing at government ranges, as well as at NIITEK facilities. This testing enables NIITEK to make iterative changes to the detailed design required to achieve the final performance levels desired.

In addition to these new GPR technologies, Niitek is developing a small robotic detection system called R-VISOR, based upon NIITEK's GPR technology. R-VISOR is designed to be mounted onto the US Army's and USMC's robotic platforms, and is designed and intended to remove the soldier from harm's way in the detection and inspection process for buried explosive hazards. Also, NIITEK is bringing its game changing GPR technology to the handheld market in response demand to improve upon the current handheld systems utilized by the US Army and USMC. Specifically, Niitek is developing a handheld system called HDS to replace the current AN/PSS 14 used by the US Army and Marine Corps. The system will be designed to be

lightweight and provide superior detection capabilities to threat areas where R-VISOR could not mitigate

NIITEK's core mission is to protect our soldiers and marines before their first step. It is critical that NIITEK has the ability to operate and test our current and future systems at our facilities to protect our Military and provide for Humanitarian Demining in the years ahead.