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## Internet Cyber Early Warning of Adversary Research and Development (ICEWARD)

**Solicitation Number:** DARPA-BAA-14-39

Agency: Other Defense Agencies

Office: Defense Advanced Research Projects Agency

Location: Contracts Management Office

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### Original Synopsis

Oct 26, 2015  
8:48 am[Return To Opportunities List](#)**Solicitation Number:** DARPA-BAA-14-39  
**Notice Type:** Award**Contract Award Date:**  
October 23, 2015**Contract Award Number:**  
HR0011-16-C-0007**Contract Award Dollar Amount:**  
\$498,873**Contractor Awarded Name:**  
Kudu Dynamics**Contractor Awarded DUNS:**  
079095114**Contractor Awarded Address:**  
14425 Penrose Place, Suite 314  
,  
United States

### Synopsis:

Added: Oct 26, 2015 8:48 am

The goal of Kudu's proposed effort, named "Internet Cyber Early Warning of Adversary Research and Development (ICEWARD)", is to determine whether it is possible to gain actionable insight into the intent of a cyber-adversary by observing specific behaviors. In particular, the proposers hypothesize that vulnerability researchers make use of public information and resources (such as search engines and websites) that are relevant to their missions, targets, and techniques in such a way that it is possible to glean part of their intent if only we could observe such use and differentiate it from noise (e.g., search engine crawlers). The basis for this hypothesis is both the proposers' own experience as vulnerability researchers and a little-noticed incident in 2010-2011. The proposed approach will investigate the feasibility of creating highly tailored information resources whose access via the public network will be inherently highly correlated with vulnerability research. A second aspect of the proposed work entails the creation of an evaluation methodology for proving or disproving this hypothesis.

### GENERAL INFORMATION

**Notice Type:**  
Award**Posted Date:**  
October 26, 2015**Response Date:**  
-**Archiving Policy:**  
Automatic, 15 days after award date**Archive Date:**  
November 7, 2015**Original Set Aside:**  
N/A**Set Aside:**  
N/A**Classification Code:**  
A -- Research & Development**NAICS Code:**  
541 -- Professional, Scientific, and  
Technical Services/541712 --  
Research and Development in the  
Physical, Engineering, and Life  
Sciences (except Biotechnology)

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