

Originalquelle: [https://www.fbo.gov/index?s=opportunity&mode=form&id=f393b9220232ea7a1be97a47f0afc429&tab=core&\\_cview=0](https://www.fbo.gov/index?s=opportunity&mode=form&id=f393b9220232ea7a1be97a47f0afc429&tab=core&_cview=0)

## Accessibility Information

Users of assistive technologies such as screen readers should use the following link to activate Accessibility Mode before continuing: [Learn more and Activate accessibility mode.](#)

[Skip to content](#)  
[tabs](#)  
[main menu](#)  
[Accessibility Mode](#)

## Federal Business Opportunities

[Home](#)  
[Getting Started](#)  
[General Info](#)  
[Opportunities](#)  
[Agencies](#)  
[Privacy](#)

[Buyers: Login](#) | [Register Vendors: Login](#) | [Register Accessibility](#)

Army Contracting Command logo  
Request for the submission of White Papers for INSCOM Technology Needs  
Solicitation Number: W911W4-18-R-0005  
Agency: Department of the Army  
Office: Army Contracting Command  
Location: ACC - WRN - INSCOM (W911W4)

[Print](#) [Link](#)  
[Copy or Bookmark this Page](#)

Copy the url below for a direct link to this page.

Bookmark this page by right-clicking here and choosing "Bookmark This Link..."

[Notice Details](#)  
[Packages](#)  
[Interested Vendors List](#)

[Original Synopsis](#)  
Jan 10, 2018  
4:06 pm

Solicitation Number:  
W911W4-18-R-0005

Notice Type:  
Special Notice

Synopsis:  
Added: Jan 10, 2018 4:06 pm

Synopsis: Request for the submission of White Papers for INSCOM Technology Needs  
THIS IS A REQUEST FOR THE SUBMISSION OF WHITE PAPERS ONLY. Responses to this notice will be used by the Government to make appropriate acquisition decisions. This notice is for planning purposes only, and does not constitute an Invitation for Bid, Request for Proposal, Solicitation, and Request for Quote, or an indication that the Government will contract for the items contained in this notice. This request is not to be construed as a commitment on the part of the Government to award a contract, nor does the Government intend to pay for any information submitted as a result of this request. The Government will not

reimburse respondents for any cost associated with submission of the information being requested or reimburse expenses incurred to interested parties for responses to this notice or any follow-up information requests. No telephone calls will be accepted requesting a bid package or solicitation. There is no bid package or solicitation. All interested sources must respond to any future solicitation announcements separately from responses to this request for the submission of White Papers.

INSCOM has an Administrative Control (ADCON) relationship with 1st Information Operations Command. INSCOM G7 executes materiel and materiel-centric responsibilities as a Capability Developer and as the Army proponent for design and development of select operational level and expeditionary intelligence, cyber, and electronic warfare systems. 1st Information Operations Command (Land) provides IO and Cyberspace Operations support to the Army and other Military Forces through deployable support teams, reachback planning and analysis, specialized training, and a World Class Cyber OPFOR in order to support freedom of action in the Information Environment and to deny the same to our adversaries.

Additional Info: This RFI requests a vendor service and not hardware/firmware/software, and therefore should not require an Authority to Operate (ATO) or a Certificate of Networthiness (CoN). 1st IO Command has identified areas for which we are requesting White Papers from Industry on mature COTS solutions with a Technology Readiness Level (TRL) of at least 7, relevant to the following Focus Areas and requirements:

#### 0001: Content Translation of PAI

A. Capability to translate foreign language content (message text, voice, images, etc.) from the social media environment into English. Required languages are Arabic, French, Pashtu, Farsi, Urdu, Russian, and Korean.

B. Identify specific audiences through reading and understanding of colloquial phrasing, spelling variations, social media brevity codes, and emojis.

1. Automated capability for machine learning of foreign language content with accuracy comparable to Google and Microsoft Bing Translate. Must be able to incrementally improve over time.

2. Recognize language dialect to ensure effectual communication.

#### 0002: Automated Sentiment Analysis (SA)

A. Capability to derive sentiment from all social media content.

1. At minimum, distinguish negative, neutral, and positive sentiment based on collective, contextual understanding of the specific audience.

a) Capability to determine anger, pleasure, sadness, and excitement.

2. Capability to recognize local colloquial and/or slang terms and phrases, spelling variations, social media brevity codes, capitalization, and emojis will be included.

3. Automated machine learning of SA must be able to incrementally improve over time.

a) Software should allow for heuristic updates to improve overall capability; e.g., manually suggest updates based on personal knowledge and experience.

B. Capability to suggest whether specific audiences could be influenced based on derived sentiment.

0003: Content Generation Based off of PAI

A. Capability to translate English into Arabic, French, Pashtu, Farsi, Urdu, Russian, and Korean.

B. Automated capability to generate/create at least three, and up to 10, unique statements derived from one (1) original social media statement, while retaining the meaning and tone of the original.

1. Customize language in a dialect consistent with a specific audience including spelling variations, cultural variations, colloquial phrasing, and social media brevity codes and emojis.

0004: Assessment

1. Capability to continually inform MOE with/through sentiment analysis, content generation, and new target audience content.

2. Capability for end user to extract empirical data and visualize metrics of service, including number of content samples translated, number of content samples generated, number of content samples downloaded, number of conversations influenced by generated content, etc.

0005: Data Protection and Management

Data protection will meet all standing DoD regulatory and security protocols.

Instructions for the submission of White Papers

To respond to this Request for the submission of White Papers, please provide no more than a 20 page White Paper describing the COTS solution offered for assessment. Please provide one original electronic copy. White papers must be in Microsoft Word or Adobe PDF Format. Please explicitly include the following in the response:

- Focus Area that the COTS solution applies to
- Maturity of COTS solution (Technology Readiness Level)
- Existing Government Intellectual Property Rights, if any
- Per unit Licensing Costs, and availability of No-Cost Evaluation Licenses
- Existing Information Assurance/Cyber Security Authority to Operate and/or Certificate of Networthiness
- Name, telephone number, and an e-mail address of a Point of Contact having the authority and knowledge to discuss responses with government representatives

White Paper Format:

- Page Count - 20 pages, excluding Cover Page
- Paper Size - 8.5 x 11 inch paper
- Margins - 1 inch
- Spacing - single spaced
- Font - Times New Roman, 12 point for text, legible for tables and figures
- Copies - One (1) electronic copy

NOTE: 1) Do not send .ZIP files; 2) Do not send password protected files.

The initial response will undergo a technical assessment that may be followed by requests for clarifications or an invitation for oral presentations/demonstration, with a desired end state of vendor participation in government conducted technology assessments. This is, in no manner, an opportunity to submit a proposal for research and development funding. No awards will be made from this Request for the submission of White Papers.

Responses will be reviewed by both Government and Contractor personnel.

Contractor personnel provide Systems Engineering Technical Assistance (SETA) support, and are under a Non-Disclosure Agreement.

All submissions will be acknowledged as received by INSCOM, and then staffed to requiring activities with corresponding capability gaps.

Submissions are due on February 12, 2018 Eastern by 1159 Eastern Daylight Time (EDT). Early submissions are highly encouraged.

The response should be sent with the Solicitation Number promptly displayed on

the subject line to the POCs listed below:  
Technical Point of Contact: Antoinette Sands, antoinette.sands.civ@mail.mil,  
INSCOM Address: Attn: Antoinette Sands, IACD, 8825 Beulah Street, Fort Belvoir,  
Virginia 22060-5246, United States

Place of Performance:

6359 Walker LN, INSCOM  
Alexandria, Virginia 22310  
United States

Technical Primary Point of Contact:

Antoinette Sands,  
INSCOM G7  
antoinette.sands.civ@mail.mil  
Phone: (703) 706-1321

Secondary Point of Contact:

Kim Robinson  
ACC Warren (INSCOM)  
kim.m.robinson4.civ@mail.mil  
Phone: (703) 428-4491

Place of Performance:

6359 Walker LN, INSCOM  
Alexandria, Virginia 22310  
United States

Primary Point of Contact.:

Antoinette.Sands,  
Technical Primary  
antoinette.sands.civ@mail.mil  
Phone: 703-706-1321

Secondary Point of Contact:

Kim Robinson,  
Contract Specialist  
kim.m.robinson4.civ@mail.mil  
Phone: 7034284491

General Information

Notice Type:

Special Notice

Posted Date:

January 10, 2018

Response Date:

Feb 12, 2018 11:59 pm Eastern

Archiving Policy:

Automatic, 15 days after response date

Archive Date:

February 27, 2018

Original Set Aside:

N/A

Set Aside:

N/A

Classification Code:

R -- Professional, administrative, and management support services

NAICS Code:

541 -- Professional, Scientific, and Technical Services/541330 -- Engineering Services

For Help: Federal Service Desk  
Accessibility