



defence science institute

Creating Defence Science Research Networks for Australia

DSI - Announcements

March 2020



Our doors are (virtually) open: Covid 19 Update

The DSI team is responding to the evolving COVID 19 situation by modifying the way in which we work and how we engage with those around us.

Many of our regular activities have been curtailed with the cancellation of workshops, conferences and social networking events around the country.

However we are well prepared to work and conduct meetings remotely and we will be encouraging our staff to do this wherever possible.

In line with current advice, where face-to-face meetings are deemed necessary we ask that venues are selected so that physical distancing can be observed.

We will continue to provide regular updates and communicate news on new opportunities in Defence via our website, newsletter and social media channels.

We hope you are all keeping healthy and safe and want to assure you that the DSI is very much open for business and our team is available to support you, your businesses and research in whatever way we can during these uncertain times.

DSI Team



Grand Challenge - Call for Proposals

The latest Call for Counter Improvised Threat Grand Challenge Phase 2 – Integration (CIT-GC Ph2) is now open.

[Click here](#) for more information



New US Solicitations



Defence Innovation Unit - Solicitations

The Defense Innovation Unit (DIU) solicitation proceeds in two stages. First, DIU reviews applications quickly after the solicitation closes. Second, applications are selected to 'pitch' your solution to DIU and DIU attempts to make a decision and issue a contract—for successful applicants—within 30 days of the pitch.

1. **Blue UAS Architecture:** The Department of Defense (DoD) seeks commercial solutions for small unmanned air vehicle components that support the development and integration of a common system architecture for small unmanned aircraft systems (UASs). If appropriate, the Government may request vendors to create integrated teams to combine solutions and/or work with Commercial companies currently supporting components in this architecture.

Read more [here](#).

Place your submissions [here](#) (end of the page).

Responses due by **31 March 2020 23:59 EST (US)**

2. **Tactical Intelligence Targeting Access Node (TITAN) Ground Station:** The Department of Defense (DoD) seeks commercial solutions for deployable ground stations capable of rapidly and semi-autonomously tasking, receiving, processing, exploiting, fusing, and disseminating space based sensor data to provide networked situational awareness and direct tactical support to Army commanders at echelon. The mobile ground station prototype will task and receive data from a diverse set of space-

based sensors. The goal of the program is to reduce sensor to shooter latency via automated metadata correlation to provide time-dominant intelligence for delivery of desired effects (e.g. Long-Range Precision Fires [LRPF]).

Read more [here](#).

Place your submissions [here](#) (end of the page).

Responses due by **4 April 2020 23:59 EST**



Silicon Valley Innovation Program (SVIP) - Solicitations

There are two solicitations from Silicon Valley Innovation Program ([SVIP](#)), on behalf of the US Coast Guard. SVIP is the US Department of Homeland Security's alternative procurement agency to reach alternative innovators in the Silicon Valley and similar ecosystems. It is different to DIU in terms that while DIU seeks mature technologies that it can put into warfighters' hands very quickly hence opening solicitations for only 10 working days, SVIP seeks to develop new capabilities from lower TRLs. Its calls are open for up to one year and SVIP accepts applications every three months, see below the three quarterly dates.

1. **Maritime Object Tracking Technology:** For this technical call, DHS is interested in tracking solutions that are interoperable with current USCG maritime and aviation assets that use Very High Frequency (VHF) Radio Frequencies (RF) to track and locate the current generation of Data Marker Buoys (DMB). A possible solution could be tracked by both Automatic Identification

System (AIS) and RF. A robust and effective MOTT will bolster USCG mission capabilities. The ability to more clearly mark objects in water with a system that can be more widely used by all USCG personnel will bolster the effectiveness of waterway security, drug interdiction, search and rescue missions and provide aid in navigation techniques, marine safety, and migrant interdiction.

Read more [here](#) (including how to submit your application)

Three quarterly dates: 22/6/2020, 20/10/2020 and 20/2/2021

- 2. *Language Translator:*** For this technical call, DHS is interested in a small handheld device that, when activated, allows the user to interpret a variety of languages quickly, to allow members to carry on two-way conversations in multiple languages. This allows immediate communication between parties, and the conversations are recorded for future playback. This device, once deployed, would work to automatically identify the language, translate and display the conversation in real-time. The translation results should also be displayed on a screen for responders and other parties to see so they can understand each other more quickly and accurately. A technology that is fast, accurate and easy to understand and operate would significantly improve U.S. Coast Guard (USCG) mission capabilities.

Read More [here](#) (including how to submit your application)

Three quarterly dates: 22/6/2020, 20/10/2020 and 20/2/2021

Copyright © 2020 Defence Science Institute (University of Melbourne), All rights reserved.

You are receiving this email because you are on our database through attending a workshop or meeting and/or have provided us with your details.

DSI was established in 2010 within the University of Melbourne. It is funded jointly by the State Government of Victoria, the Commonwealth Government's Defence Science and Technology (DST) Group and our university members.

Our mailing address is:

Defence Science Institute (University of Melbourne)
Level 4, 204 Lygon Street
Carlton
Melbourne, Vic 3053
Australia

[Add us to your address book](#)

Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#).