

U.S. Department of Homeland Security | Science and Technology Directorate

Cross Agency Awards and Sequential Phase II



Science and
Technology

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SBIR Phase II Follow-on Approaches

Follow-On	When to Use It	Considerations
Commercialization Readiness Pilot Program (CRPP)	Promising DHS Phase II efforts that need prototype demonstration in operational environment (TRL 6 or 7) to facilitate commercialization	SBIR may provide funds to support demonstration
Other Agency Technology Solutions (OATS)	Promising existing SBIR technology from another agency requiring further development	Case must be made why SBIR funds are needed toward further development and both agency SBIR PMs must agree to effort
Subsequent Phase II	Promising DHS Phase II needs significant R&D to achieve transition or new application of existing SBIR technology requiring further development	Case must be made why original Phase II falls short of need and why SBIR funds are needed toward further development

OTHER AGENCY TECHNOLOGY SOLUTIONS



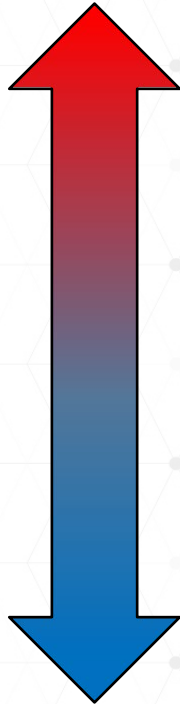
OTHER AGENCY TECHNOLOGY SOLUTIONS

- DHS OATS was established in FY2015 to leverage the SBIR investment of other agencies that can satisfy DHS needs/mission
- Leveraging substantial investment elsewhere
 - DHSSBIR annual budget \$12M
 - Total SBIR/STTR annual budget from other agencies \$4B
- Many topics from other agencies address DHS needs
 - Opportunities are there for the taking

OTHER AGENCY TECHNOLOGY SOLUTIONS

How potential OATS are identified during Market Research

Opportunity
found by
TPOC



Opportunity
found by
SBIR/Tech
Scouting team

- Peer Interaction
- Industry Interaction
- Conferences
 - E.g., Cybersecurity Showcase
- Search Sites
 - SBA SBIR.gov site: <https://www.sbir.gov/sbirsearch/award/all>
 - Navy SBIR search site: <http://www.navysbir.com/newsearch.htm>
- Tech Scouting

OTHER AGENCY TECHNOLOGY SOLUTIONS

DHS SBIR OATS RFIs Process

- ❑ DHS SBIR collaborate with Operational Component to identify need
- ❑ Determine the feasibility of leveraging prior SBIR awards for solutions
- ❑ Post RFI on Sam.gov and socialize the requirement

Past OATS RFIs

- ❑ CISA - 5G Internet of Things Situational Awareness System
- ❑ USCG - Autonomous Vessel Tracking for Ports and Waterways
- ❑ CWMD - Standoff Chemical, Biological, Radiological, and/or Nuclear Threat Detection for City Wide Coverage
- ❑ FEMA - Small Space Unmanned System