Chemical and Biological Defense (CBD)

Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR)

at The Joint Science and Technology Office for Chemical and Biological Defense (JSTO-CBD)

Mr. Larry Pollack
CBD SBIR/STTR Program Manager
So What’s This “CBD” All About?
Technology Areas of Interest

• BLUF: Very niche specific technology requirements

• Physical Science & Technology
  • Detection
    • Point Detection
    • Standoff Detection
  • Individual Protection
  • Collective Protection
  • Hazard Mitigation (e.g., Decontamination)
Technology Areas of Interest (cont’d)

• Medical Science & Technology
  • Vaccines/Pre-treatments
  • Biological Countermeasures (Therapeutics primarily targeting CDC Category A&B pathogens)
  • Chemical Countermeasures (Therapeutics primarily targeting nerve agents, vessicants, and select Toxic Industrial Chemicals)
  • Medical Diagnostics

• Digital Battlespace Management
  • Modeling & Simulation
  • Data Fusion
  • Disease Surveillance
  • Health & Human Effects
• Topics
  • Average 8 new SBIR topics annually and 1 new STTR topic every other year;
  • CBD SBIR: FY20.2 / CBD STTR: FY20.A

• Proposal Selection
  • Phase I: 2 - 4 awards per topic; average 3 Phase I projects
  • Phase II: ~50% of Phase I projects transition to a Phase II project award
Contract Awards

- Phase I: up to $167,500 per award; 6-month Period of Performance (no option period)
- Phase II: up to $1.1M per award (beginning FY19); 24-month Period of Performance
Finding the Topics

• At the release of each of three annual DoD SBIR & DoD STTR Announcements go to:
  
  https://sbir.defensebusiness.org  

• And click on ‘Topics’

• Search by keyword or better yet, review all Topic Titles listed by each participating DoD Service/Agency (‘Component’)

** DoD SBIR/STTR website ‘look & feel’ will be changing later this calendar year
DoD SBIR/STTR Announcements

Dates established by Assistant Secretary of Defense/Research & Engineering (ASD R&E); not all DoD Components participate in each Announcement

<table>
<thead>
<tr>
<th>Solicitation SBIR / STTR</th>
<th>Pre-Release</th>
<th>Open</th>
<th>Close *</th>
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</thead>
</table>

* All proposals due No Later Than 8:00pm Eastern Time for all DoD SBIR and STTR Announcements

DoD SBIR/STTR proposal submission site changing for FY20.1/FY20.A and beyond

ALL INFORMATION (dates, etc.) SUBJECT TO CHANGE!
Technical Questions About Topics?

• **Direct Contact with Topic Authors**
  - During **Pre-Release**, the names of the topic authors, phone numbers and e-mail addresses are listed with the topic
  - Questions are limited to specific information related to a particular topic’s requirements
  - Offerors may not ask for advice or guidance on solution approach, nor submit additional material to the topic author

• **SBIR/STTR Interactive Topic Information System (SITIS)**
  - [http://sbir.defensebusiness.org/sitis](http://sbir.defensebusiness.org/sitis)
  - After Solicitation ‘Opens’, offerors must submit written questions through SITIS; no direct contact with Topic Authors are allowed
  - Questioner and Government respondent remain anonymous and all questions and answers are posted electronically for general viewing
SBIR/STTR On-Line Tutorials

55 Courses including:

- Agency overviews
- Program basics
- Data rights
- IP protection

www.sbir.gov/tutorials
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