



# U.S. ARMY COMBAT CAPABILITIES DEVELOPMENT COMMAND – ARMY RESEARCH LABORATORY

## *Army STTR Program Overview*

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# FEDERAL AND DOD STTR PARTICIPANTS



## DoD STTR Programs





# ARMY STTR PROGRAM STRUCTURE



- STTR has 1 Phase I cycle per year as part of DoD BAA
- STTR has 1 Phase II cycle per year
- BAAs include topic listings and proposal format and submission instructions.

Program Structure	
Phase I	6 Months \$173,000 max
Phase I (Option)	No Option
Phase II	2 Years \$1,150,000 max
Phase III	Unlimited time; non-SBIR or STTR funding
SBC Eligibility	U.S. for-profit business of 500 or fewer employees
Collaboration with a Research Institution (RI) (no size limit on the RI)	Required – Formal agreement between firm and a university, FFRDC, or non-profit RI; SBC must manage and control the contract
Principal Investigator (PI)	PI may be at the SBC or RI
Work Performance Breakdown	Phase I & II effort: SBC = min. of 40% RI = min. of 30%
Work Location	Work must be performed in the U.S.



# STTR ELIGIBILITY CRITERIA



**Applicant is U.S.-owned Small Business Concern**



**Formal Cooperative R&D Effort**

- Minimum **40%** by small business
- Minimum **30%** by U.S. research institution



**U.S. Research Institution**

- College or university; other non-profit research organization; Federal R&D center



**Intellectual Property Agreement**

- Allocation of rights in IP and rights to carry out follow-on R&D and commercialization

**Award is always made to Small Business Concern (SBC)**



# SBIR/STTR CRITICAL DIFFERENCES



## Research Partner



**SBIR:** Permits partnering  
33% Phase I and 50%  
Phase II



**STTR:** *Requires* partnering  
with research institution.

## Principal Investigator (PI)



**SBIR:** Primary (>50%)  
employment must be with  
small business concern



**STTR:** may be employed by  
*either* research institution (RI)  
or SBC, **but...**

**Primary employment , > 50% of PI time, must be with the SBC or RI at  
time of award and during project (STTR Policy Directive, 2012)**

**SBC must have at least one employee... in management position...  
primary employment is with SBC and ... not also employed by the RI**  
(DoD Solicitation)



# ARMY 21.C BAA TOPIC SUMMARY



- DoD 21.C STTR BAA Solicitation Key Dates
  - *Topic Pre-Release: 25 August 2021*
  - *SITIS Q&A Available: 25 August 2021*
  - *Proposal Submission Open: 21 September 2021*
  - *SITIS Q&A Close: 7 October 2021*
  - *Proposal Submission Close: 21 October 2021*
- Army 21.C Solicitation
  - Features *26 topics* from our Army labs and centers
  - Supported by webinars and a virtual Industry Day (1-2 September 2021)



# ARMY STTR PARTICIPATING ORGANIZATIONS



## *U.S. Army Combat Capabilities Development Command*



Army Research Laboratory



Chemical Biological Center



Armaments Center



Ground Vehicle Systems Center



Aviation and Missile Center



Soldier Center



Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance and Reconnaissance Center



## *U.S. Army Medical Research and Development Command*



## *U.S. Army Corps of Engineers Engineer Research and Development Center*



# ARMY PROCESS FOR REVIEWING, EVALUATING AND AWARD WORTHY SELECTIONS





# ARMY STTR EVALUATION PROCESS



- Proposals are evaluated by several tiers of evaluators (topic authors, SMEs) using the following criteria, which are published in the BAA:
  - ✓ Technical Feasibility - Soundness, technical merit, and innovation of proposed approach and its incremental progress toward topic or subtopic solution (40%)
  - ✓ Qualifications of the firm and team to perform R&D and commercialize results - Strength of the Personnel & Facilities (30%)
  - ✓ Transition Potential - Potential for commercial application — government or private sector (30%)
- Each proposal is evaluated on its own merit and not evaluated against other proposals
- Evaluators complete source selection training and sign NDAs yearly; their evaluations of every proposal must address all criterion strengths and weaknesses and provide constructive comments to enable SBCs to submit better proposals in the future
- Same criteria used for Phase I and II





# RESOURCES AND CONTACTS



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## Army SBIR/STTR Program Public Website:

<https://www.armysbir.army.mil>

- Provides general information about the programs
- Provides links to other DoD resources

## DoD SBIR/STTR Website:

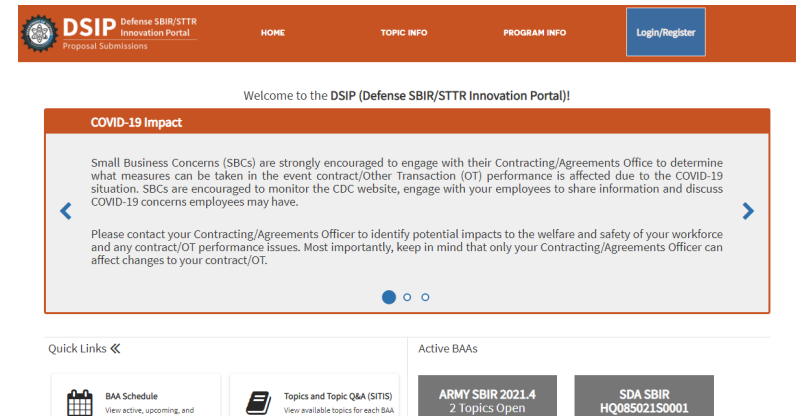
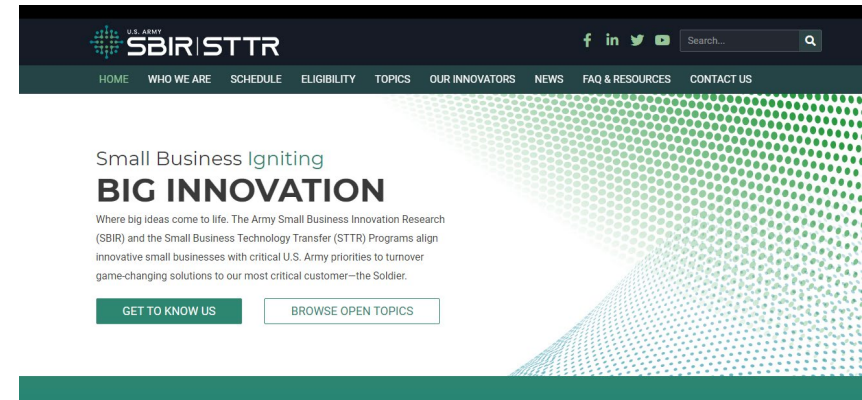
<https://www.dodsbirsttr.mil>

- BAA schedules and topic listings
- General program info and training

## Army STTR Help Desk:

Phone: 919-549-4200

Email: [usarmy.rtp.ccdc-arl.mbx.sttr-pmo@mail.mil](mailto:usarmy.rtp.ccdc-arl.mbx.sttr-pmo@mail.mil)





Q&A

You have

Questions

We have

Answers