

DoD CBD SBIR Program

Science & Technology oversight is managed by the Joint Science and Technology Office (JSTO), Chemical and Biological Defense Program. The JSTO oversees SBIR topic generation in addition to Phase I and Phase II proposal evaluation and selection. A Capability Area Program Officer will assign individual SBIR projects selected for award to a Principal Investigator who is responsible for contract execution and technical oversight.

The Army Research Office-Washington (ARO-W) is responsible for the administration and operation of the CBD SBIR Program Management Office. The CBD SBIR Program Manager is resident at ARO-W.

E-Commerce

The SBIR solicitation and selection process is entirely electronic, utilizing the World Wide Web to post topics and receive Phase I SBIR proposals. Further information may be found at the following website:

www.acq.osd.mil/sadbu/sbir/



Information

For additional information regarding the CBD SBIR Program, please contact the CBD SBIR Program Management Office at:

U.S. Army RDE Command
ATTN: AMSRD-ARO-WA-SBIR
6000 6th Street, Suite 100
Fort Belvoir, VA 22060-5608

Phone: (703) 806-0980

Fax: (703) 806-2046

E-Mail: sbira@belvoir.army.mil

Website: www.aro.army.mil/arrowash/rt/cbdsbir/index.htm

Additional SBIR information is available at the following website: www.acq.osd.mil/sadbu/sbir

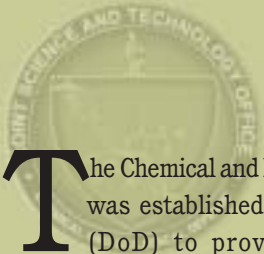


Small Business Innovation Research



Chemical and Biological Defense Program

www.aro.army.mil/arrowash/rt/cbdsbir/



Overview

The Chemical and Biological Defense (CBD) Program was established by the Department of Defense (DoD) to provide state-of-the-art defense capabilities to allow military forces of the United States to operate and successfully complete missions in chemical and biological warfare environments. This requires the availability of the most effective products to detect and protect to ensure sustained operations.

The overall objective of the CBD Small Business Innovation Research (SBIR) Program is to elicit innovative solutions from the small business community that address chemical and biological defense technology gaps confronting DoD and to include technologies that will also have high commercialization potential in the private sector. SBIR topics are developed in each of the following program areas to address both chemical and biological threats.

- ◆ **Detection and identification** includes analytical techniques for both stand-off and point detection of chemical and biological agents. Measurements are conducted in air, water and soil in addition to other complex matrices
- ◆ **Modeling & simulation** develops and employs techniques to provide information associated with specific chemical and biological threat materials
- ◆ **Protection** encompasses all areas of both individual and collective protection
- ◆ **Decontamination** consists of processes and materials to be employed on facilities, equipment, and personnel
- ◆ **Medical Technology** consists of pre and post exposure treatments to mitigate the effects of chemical and biological agents and protect warfighters from exposure to these threats

A Three Phase Approach

Phase I Feasibility Study

Only proposals which respond to specific CBD topics published in the first (YY.1) of the annual DoD SBIR Program Solicitations are eligible for Phase I consideration. Phase I is a relatively brief feasibility study (up to 6 months) to determine the applicability of a concept or technology to a stated CBD dual-use requirement. Phase I maximum funding is \$70,000. The CBD Program has enhanced its Phase I-Phase II transition process by implementing the use of a Phase I Option that may be exercised for selected Phase II proposals to fund interim Phase II activities while a contract is being negotiated. The Option covers activities over a period of up to three months and at a cost not to exceed \$30,000.

Phase II Prototype Development

Successful Phase I efforts may result in a Phase II contract to fund further research and development leading to production of prototype equipment. Phase II awards may span a period of two years, with a funding ceiling of \$750,000.

Phase III Commercialization

Phase III is the ultimate objective of CBD SBIR projects. In Phase III, a technology, product, or process developed in Phase II is successfully marketed and sold outside the SBIR program. Small businesses may achieve Phase III status via private sector commercialization or by obtaining non-SBIR Government follow-on contracts.

Annual CBD SBIR Phase I Process

October – January	Solicitation Open
January – March	Phase I Evaluations
March	Phase I Selection
May	Award Contracts

Annual CBD SBIR Phase II Process

September - October	Solicit Proposals (invitation only)
October - December	Phase II Evaluation
January	Phase II Selection
April	Award Contracts

