The DRIVe Accelerator Network

HHS/ASPR/BARDA

Pre-Application Teleconference

Funding Opportunity #EP-IDS-19-003

June 25, 2019

Unclassified/For Public Use

Agenda

- Background of ASPR, BARDA, and the DRIVe Program
- Purpose of the DRIVe Accelerator Network
- Application process and deadlines
- Execution and expectations
- Q&A – open discussion

Background of ASPR, BARDA, and DRIVe





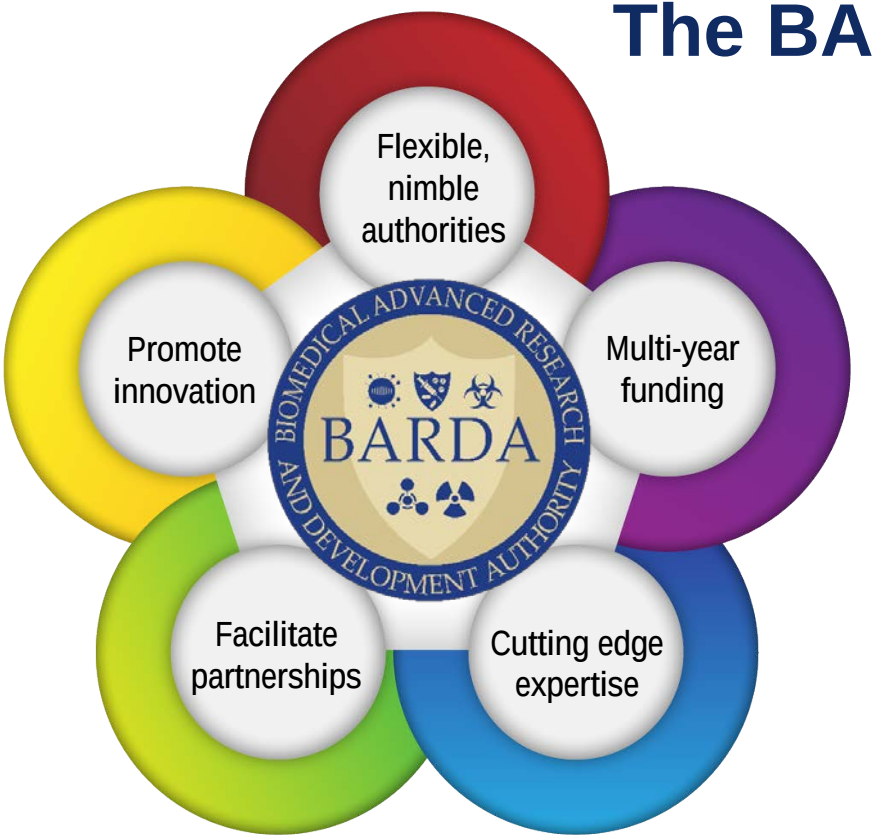
ASPR Mission

Save Lives and Protect Americans from 21st Century Health Security Threats





The BARDA Model



BARDA develops and makes available medical countermeasures **(MCMs)** by forming unique public-private partnerships to drive innovation off the bench to the patient to save lives.

Our Industry Partners



Our Government Partners

































































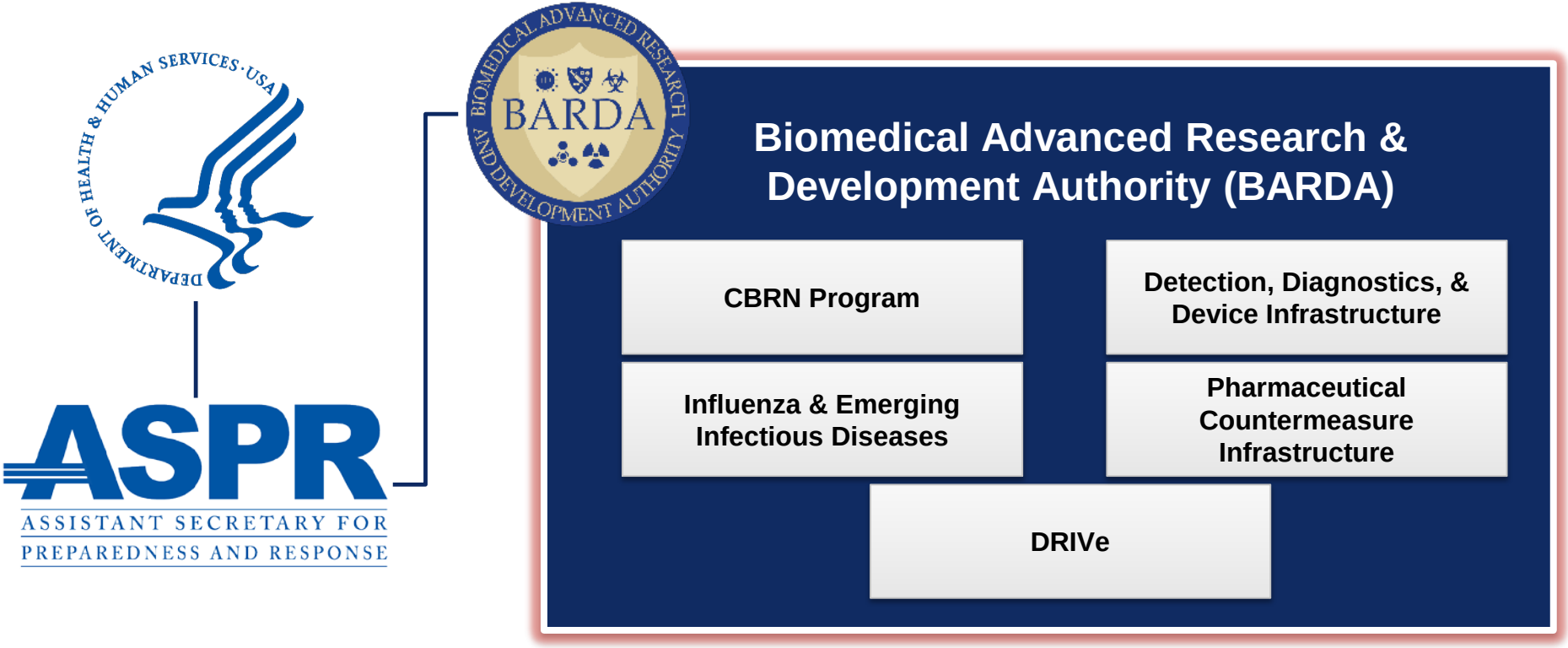








BARDA MCM Program Divisions

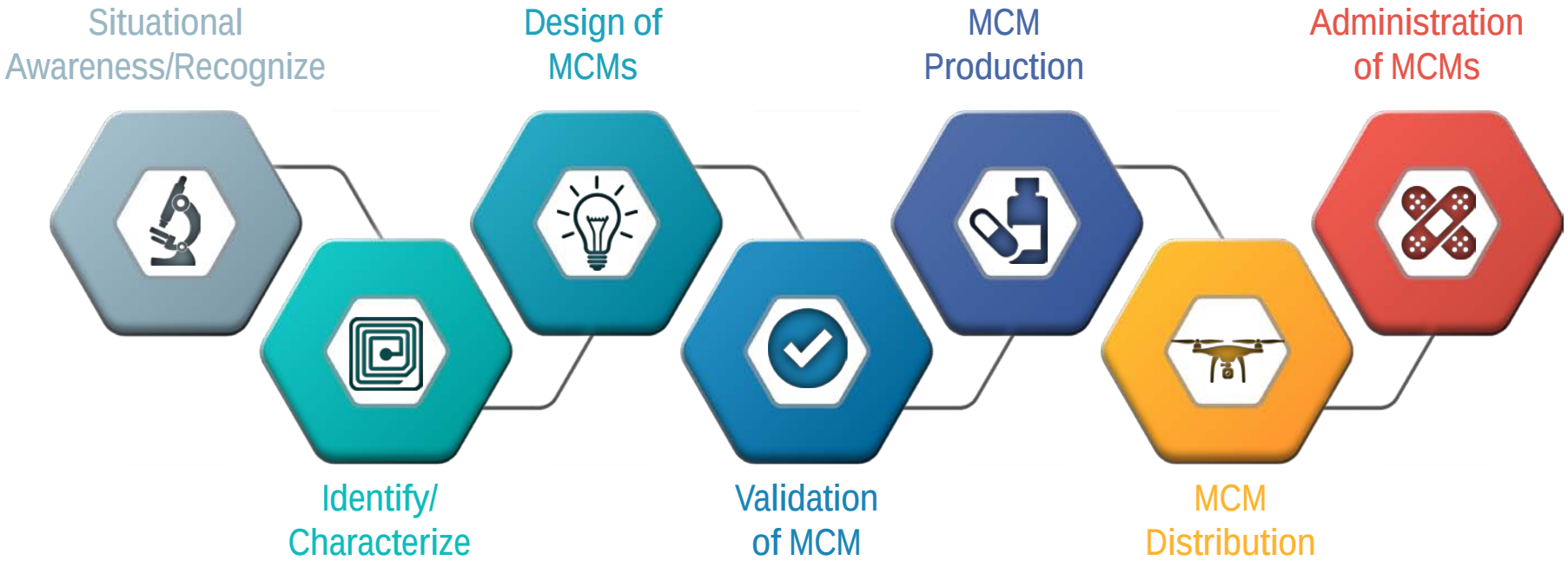


21st Century: An Increasingly Complex & Dangerous World





Addressing End to End Solutions



Accelerate Innovation

21st CENTURY CURES ACT

INNOVATION

LAUNCH

BARDA CONTRACTING

DRIVe
Transforming Health Security

MCIP
Medical Countermeasure Innovation Partnership

BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY
BARDA

Division of Research Innovation and Ventures (DRIVe)

LEVERAGE
BARDA's experience and success in MCM development

EMPOWER
Non-traditional partners with disruptive ideas in health security



CATALYZE
Industry and government in response to urgent threats

INNOVATE
Strategies to get disruptive ideas to the market faster

DRIVe connects the dots between industry, academia, non-profits, and government



Our goal is to transform health security innovation to protect Americans from 21st-century health security threats.

DRIVe IS A BOLD NEW APPROACH TO ENHANCE THE POWER OF COLLABORATION AND INNOVATION.

Impact Areas

DRIVe is looking for new approaches, innovative clinical management strategies, detection technologies, diagnostic platforms, and application of biological indicators (chemical, physical, molecular, immunological, serological) among other novel technologies.



Early, actionable information to alert end users of potential pathogen exposures prior to the user being aware that they are ill.



Reducing the incidence, morbidity, mortality and cost of sepsis by investing in key strategic areas



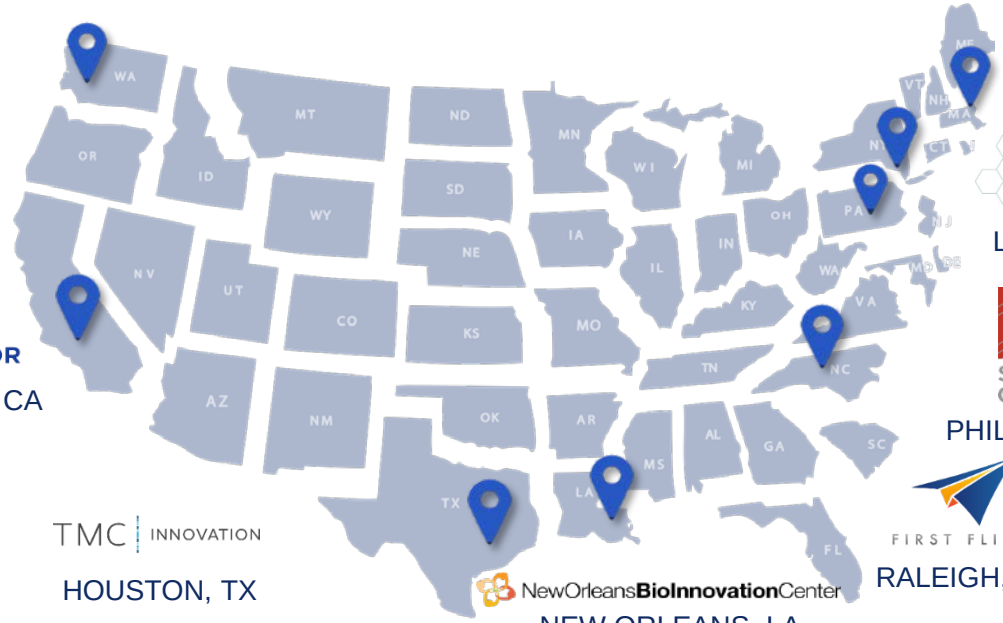
Extremely bold, radical, and disruptive innovative solutions that will have the ability to transform health security.

Purpose and Description of the DRIVe Accelerator Network

The DRIVe Accelerator Network

ACCELERATOR NETWORK

The DRIVe Accelerator Network is working with regional accelerators to identify promising innovation and provide wraparound technical and business development support services



LIFE SCIENCE WASHINGTON INSTITUTE
SEATTLE, WA

MEDTECH INNOVATOR
LOS ANGELES, CA

TMC INNOVATION
HOUSTON, TX

NewOrleansBioInnovationCenter
NEW ORLEANS, LA

FIRST FLIGHT
RALEIGH, NC

science center
PHILADELPHIA, PA

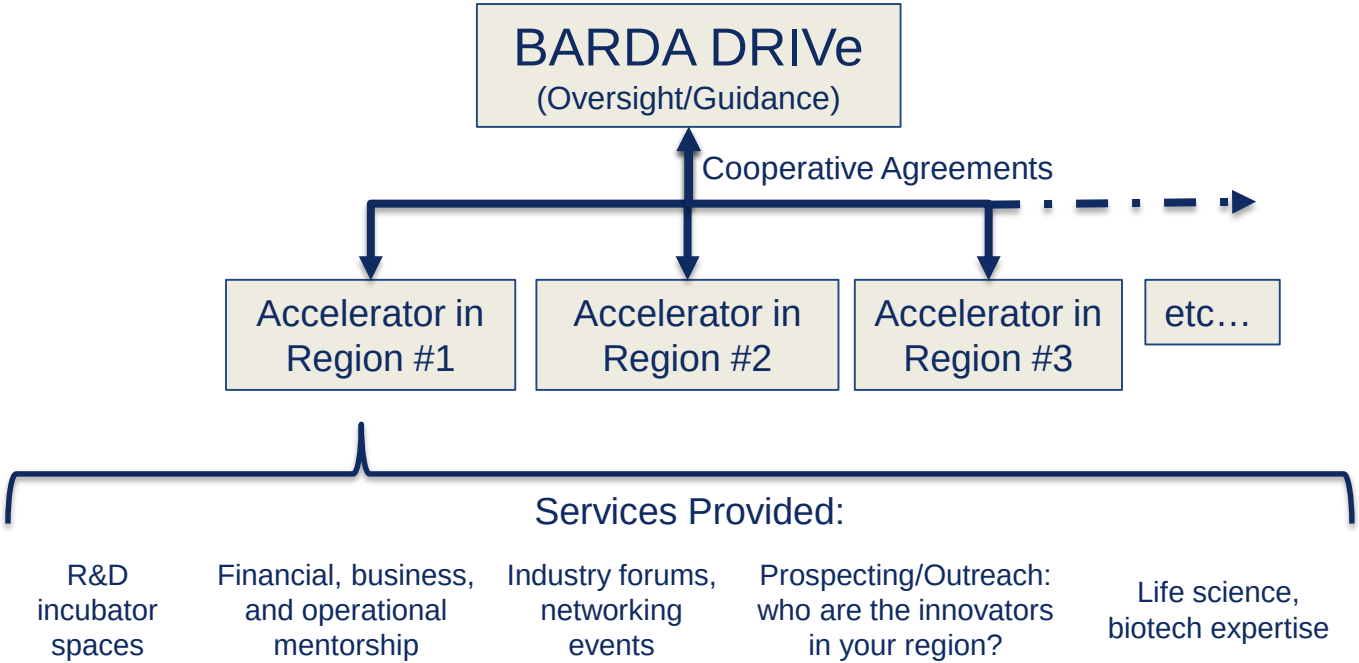
CENTER FOR BIOTECHNOLOGY
A New York State Center for Advanced Technology
LONG ISLAND, NY

UMASS M2D2 Massachusetts Medical DEVICE DEVELOPMENT CENTER
BOSTON, MA

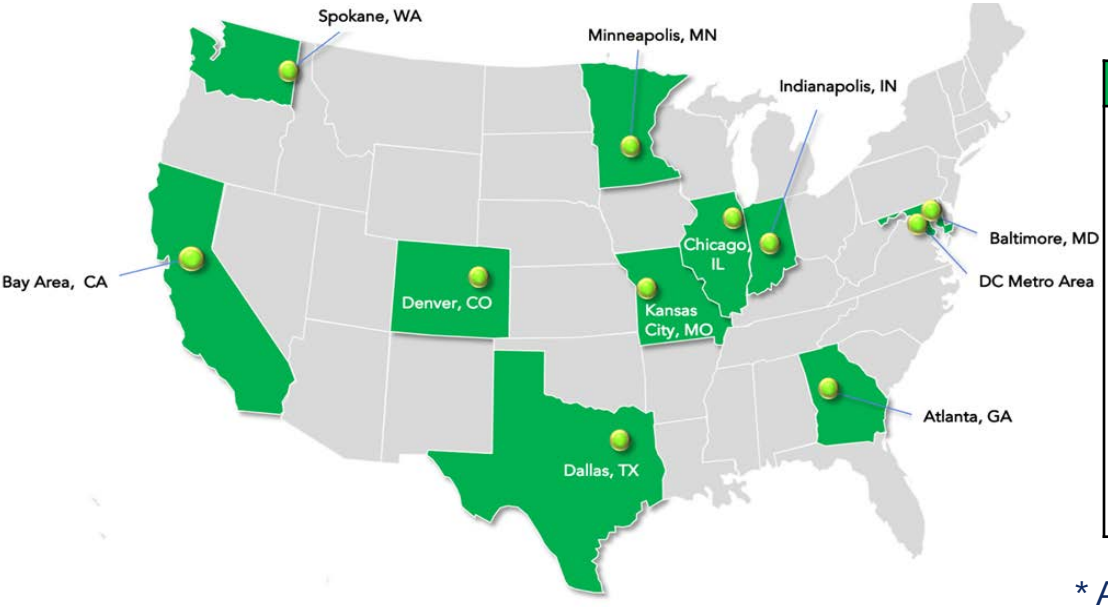
Purpose of Accelerator Network

- **BARDA plans to partner with Accelerators to:**
  - Build the pipeline and identify promising products and technologies of interest to address BARDA's National Health Security Initiative
  - Amplify BARDA's initiatives through existing outreach mechanisms
  - Provide wrap-around support to DRIVe partners:
    - ✓ Technical and business advice/acumen/support
    - ✓ Project-specific or common needs across projects
  - Cultivate the community of experts: network and team-build
    - ✓ Researchers, industry leaders, academia, "deep thinkers"
  - Leverage existing physical and/or virtual environments that are programmed to increase collaboration and spur innovation

Accelerator Network Structure



Accelerator Network Expansion



Regions of Interest	Ineligible Regions
Atlanta, GA	Houston, TX
Baltimore, MD	Long Island, NY
Chicago, IL	Los Angeles, CA
Denver, CO	Lowell, MA
Dallas, TX	New Orleans, LA
Indianapolis, IN	Philadelphia, PA
Kansas City, MO	Raleigh, NC
Minneapolis, MN	Seattle, WA
San Francisco Bay Area, CA	
Spokane, WA	
Washington, DC	

* Applicants not based in one the identified regions of interest and NOT located within an ineligible region may still apply under “Other Regional Hubs.”

Cost Share Requirement

- BARDA DRIVe envisions that every $1 of funding from BARDA DRIVe to each accelerator in the DRIVe Accelerator Network will be matched with $1 to $2 of non-dilutive funding contributed by the accelerator (may include in-kind support services).
- All match funds must follow the same cost principles and regulations that are used for Federal funds – to count as match you must be able to use Federal funds to purchase the item.
- Examples of in-kind support
  - Labor/personnel
  - Fringe benefits
  - Equipment/supplies

Application Process

Application Process

https://www.grants.gov/web/grants/view-opportunity.html?oppId=316344

- Applications DUE July 23, 2019 by 11:59 p.m. EDT
- **Registration procedures (see pages 16-17 of FOA)**
  - Register with (and submit applications thru) www.Grants.gov
  - Register with Central Contractor Registration
  - Obtain DUNS number
  - Register in the System for Award Management
- Review Funding Opportunity Announcement for details on content to include in application
- Resulting awards will be Cooperative Agreements with HHS/ASPR/BARDA and AMCG

Review Criteria

Five areas of scoring:

See Section V (pages 22 – 24) of the Funding Opportunity Announcement

1. Technical Approach
   - ✓ Foster, identify promising early stage R&D
   - ✓ Foster a physical and virtual environment to increase collaboration and spur innovation
   - ✓ Support business and entrepreneurial needs of innovators, provide wrap-around support capabilities
   - ✓ Leverage best practices
2. Organizational Capability and Experience

   Does the applicant have experience:
   - ✓ Establishing/maintaining a network of R&D capability and tech support?
   - ✓ Performing functions of accelerator?
   - ✓ Successfully identifying and transitioning candidates for follow-on investment?

Review Criteria, continued

Five areas of scoring (continued):

3. Key Personnel

   Does Key Personnel have capability and experience of:

   ✓ Evaluating early stage technologies?

   ✓ At least one full-time employee (90%) on DRIVe initiative?

4. Ability to Leverage Incentives

   ✓ Prior experience with bringing multiple parties together, forming alliances, identifying external funding opportunities?

5. Geographic Location

Execution and Expectations

Key Performance Parameters (KPPs)

KPP	Top-Level Metrics	Threshold (Minimally Acceptable Performance)	Objective (Optimal or Ideal Level of Performance)
Geographic Location	DRIVe Accelerator Network includes an active accelerator in one of each of the desired US regions	An active accelerator in one of the identified desired regions	One active accelerator in each of the identified regions with additional accelerators added to other regions across the country with strong biotech/medtech innovation
A Network of R&D capabilities and Technical Support	The ability of the accelerator to select, foster, advance and transition product candidates requires sufficient network of internal and external R&D capabilities	The accelerator must maintain minimal paid or volunteer R&D advisor consultants to provide technical support to BARDA DRIVe product developers	A diversified network of R&D advisors and consultants to provide quality R&D research and development support services to BARDA DRIVe product developers

KPP	Top-Level Metrics	Threshold (Minimally Acceptable Performance)	Objective (Optimal or Ideal Level of Performance)
Perform the functions of an Accelerator	The accelerator must have the structure, policies and experience to function in the role of a traditional accelerator but with specific expertise in health security innovation.	An established entity operating under an accelerator model with a track record of successfully transitioning R&D products from "Proof of Concept," prototype, product candidate selection and finally transitioning [graduating] the innovator for external product development.	An established accelerator with a proven track record of successfully transitioning R&D products from "Proof of Concept," prototype, product candidates, through selection and finally transitioning [graduating] the innovator for external product development.
Supporting the Business Needs of Innovators	The ability of the accelerator to provide wrap-around support capabilities and services (e.g. technical, strategic, operational, legal, business, access to stakeholders.) to ensure innovators have access to the necessary resources to foster success.	Accelerator to provide strategic, regulatory, operational, legal and business development support services to innovators after selection through graduation. The accelerator will provide introductions to follow-on support and/or R&D transition partner prior to graduation from accelerator.	Accelerator to provide strategic, regulatory, legal and business development and support services to innovators after selection through graduation. The innovator will secure follow-on support and/or R&D transition partner prior to graduation from accelerator.

Reporting Table

If selected for award, accelerators will be expected to report monthly, including:

Reports	Report Description	Reporting Procedures and Due Dates
Conflict of Interest (COI) Report and Plan	The accelerator will provide a COI plan within 30 days of award and provide annual report on their compliance with the plan.	• The accelerator will submit their COI plan by e-mail or other electronic format to be provided by BARDA coinciding with their first monthly report, and on 20th day of the month after the end of the first year
Monthly Activity Report and Information Capture on Innovation Opportunities and Portfolio Progress	On a monthly basis, the accelerators will: 1. Report activity/progress toward milestones 2. Report key DRIVe Accelerator Network metrics 3. Describe next three months plan 4. Capture innovation opportunities and product developer portfolio progress on accelerator's objectives on a regular basis, but not less than monthly.	• The accelerator will submit to BARDA (.e.g. via BARDA DRIVe Digital Resources) capture information on a regular basis, in the form of a monthly report
Product Transition Strategy	The accelerator shall provide a 1-2 page summary document containing a Product Transition Strategy for each product developer they are overseeing on annual basis, if applicable. The Product Transition Strategy should provide a strategic plan for further development and transitioning the product for follow-on investment after BARDA DRIVe.	• The accelerator shall provide the Product Transition Strategies 30 days prior to the end of each year of the agreement.

Q&A

BARDA DRIVe Accelerator Network Points of Contact:
Donna.Boston@hhs.gov – Technical
Virginia.Simmons@hhs.gov – Grants Manager