



**SCOPE (MAY SELECT MORE THAN ONE)**

- MEDICAL DEVICE: Diagnostics (In Vitro/Molecular, Biosensors, Imaging)
- MEDICAL DEVICE: Digital Health and Analytics (Device Software Functions, Health It, Medical Device Data Systems, Medical Device Interoperability, Software As A Medical Device/SaaMD, Telemedicine, Wireless Medical Devices)
- MEDICAL DEVICE: Subspecialties - Cardiovascular, Chronic Disease Management (metabolic diseases, respiratory diseases), Neurology/Brain Injury, Orthopedics, Pain Management, Respiratory, Women’s Health
- REGENERATIVE MEDICINE: Bioprinting/Production (Cells, Tissues, Organs, Substrates for all)
- BIOREPOSITORY: State-wide biorepository for patient samples
- INDUSTRY 4.0: Logistics/Risk Management/Supply Chain Management (must involve Industry 4.0 concepts)
- INDUSTRY 4.0: Smart Data and Cloud Computing for Manufacturing (Future Cyber-Physical Manufacturing Research)
- INDUSTRY 4.0: IIoT – Creation of Innovations including Smart Products, Smart Production Systems, Smart Factories, and Smart Logistics running in a decentralized and dynamic fashion
- CYBERSECURITY: Information Security and Adaptive Incident Analysis
- CYBERSECURITY: Cybersecurity of Real-Time Manufacturing and Industrial Processes
- CYBERSECURITY: Innovative Security and Access Solutions for Healthcare
- CYBERSECURITY: Software Technology That Helps Solve Human Behavior Problems

**TRANSLATIONAL RELEVANCE**

*Projects must be beyond basic science to explore potential commercial applications. The technology must have the potential to solve a real-world problem as a commercial product. Maximum 2,000 characters.*

**LIST CURRENT AND POTENTIAL FUTURE INDUSTRY COLLABORATIONS**

	COMPANY NAME/LOCATION	EXISTING/CURRENT ENGAGEMENT	POTENTIAL FUTURE ENGAGEMENT
1.		<input type="checkbox"/>	<input type="checkbox"/>
2.		<input type="checkbox"/>	<input type="checkbox"/>
3.		<input type="checkbox"/>	<input type="checkbox"/>
4.		<input type="checkbox"/>	<input type="checkbox"/>
5.		<input type="checkbox"/>	<input type="checkbox"/>
6.		<input type="checkbox"/>	<input type="checkbox"/>

ADDITIONAL COMMENTS (OPTIONAL):

**POTENTIAL UTILITY FOR SC-BASED SECTORS**

*Explain how the technology can be utilized by SC-based industrial sectors. Maximum 1,000 characters.*

**USE OF FUNDS**

Describe how the Total Project Amount funds will be used in Years 1, 2, and 3. Maximum 2,500 characters.

**YEAR 1 ESTIMATED SPEND**

\$

**YEAR 2 ESTIMATED SPEND**

\$

**YEAR 3 ESTIMATED SPEND**

\$

**MILESTONES & DELIVERABLES FOR YEARS 1, 2, and 3**

Describe the Milestones to be achieved in each year of the project and its associated Deliverable. Deliverables must be specific and measurable.

	<b>MILESTONE</b>	<b>DELIVERABLE</b>
<b>END OF YEAR 1</b>		
<b>END OF YEAR 2</b>		
<b>END OF YEAR 3</b>		

ADDITIONAL COMMENTS (OPTIONAL):

**DO YOU NEED ASSISTANCE WITH IDENTIFYING POTENTIAL MATCHING FUNDS SOURCES?**

- NO
- YES (Please provide additional information about your needs below)