

Form Name:	National Armaments Consortium (NAC) Executive Committee Member Application Form 2026
Submission Time:	July 17, 2026 5:54 pm
Browser:	Chrome 150.0.0.0 / Windows
IP Address:	209.196.166.250
Unique ID:	1480504060
Location:	40.5076, -78.3925

CANDIDATE INFORMATION

Name	GINO SPINOS
Title	EXECUTIVE DIRECTOR, MANUFACTURING ENGINEERING
Organization	NATIONAL CENTER FOR DEFENSE MANUFACTURING AND MACHINING (NCDMM)
Organization Type	Large Business
Address	
Email	
Phone	

CANDIDATE STATEMENTS

Explain how your background, training, experience and/or personal qualities support your candidacy to assume a governance position on the Executive Committee. Provide resume as a separate attachment.

I bring over 25 years of experience working with the DoW, guiding projects from initial concept through award, execution, and closeout. I am well-versed in navigating government bureaucracy and contracting challenges. My professional network is extensive, and NCDMM's reach is even broader. I understand that trust, strong relationships, and collaboration are essential for achieving results efficiently and effectively, while always respecting cost and schedule constraints.

NCDMM operates as a large business, managing more than 200 active research and development contracts. Without our own testing facilities, we depend on partnerships with a wide range of manufacturers and technology providers-including many nontraditional defense contractors. This collaborative approach gives me a unique perspective to bring to the DOTC Executive Committee.

Our commitment to unbiased, technology- and vendor-agnostic solutions ensures that every project is focused on mission needs, not commercial interests. As the manager of America Makes-the nation's flagship Manufacturing USA Innovation Institute-NCDMM has access to the largest network of additive manufacturing expertise in the U.S.

By leveraging our processes, experiences, and lessons learned, NCDMM offers valuable insights that DOTC members can use to accelerate innovation and strengthen national and global competitiveness. Our collaborative model empowers DOTC members to drive solutions that help warfighters meet their mission every time. I am dedicated to showcasing NCDMM's achievements and fostering positive change within the consortium, ensuring DOTC remains a leader in defense innovation and partnership.

Supporting Attachment(s)

What do you see as the most significant challenge(s) facing the business type you will represent and how would you propose to address those challenges if elected?

One of the most pressing challenges for large businesses in the Defense Ordnance Technology Consortium (DOTC) is recognizing when and how to effectively engage nontraditional defense contractors (NDCs). To address this, I propose that large businesses be incentivized and take a proactive role in mentoring and supporting NDCs, helping them navigate the complexities (contracting, accounting, CMMC, etc.) of defense work and maximizing their contributions. This approach not only leverages the unique strengths and innovations NDCs bring but also strengthens the overall consortium by ensuring a broader, more agile supplier base.

Many traditional defense contractors, regardless of size, may not fully appreciate the potential value NDCs offer. To bridge this gap, I recommend developing and presenting best practices for working with NDCs to DOTC members. This should include clear guidance on what constitutes significant NDC participation-such as subject matter expertise (SME) or leadership in specific technology areas, innovative applications, cost or schedule reductions, and available capacity-supported by real-world examples at varying price points. Hosting these presentations at annual meetings or via webinars, and making them accessible through the DOTC website, will provide ongoing reference and encourage more effective collaboration with NDCs.

Furthermore, emphasizing the importance of partnering, collaboration, and relationship-building is essential. Showcasing success stories from initiatives like the Department of War Manufacturing Innovation Institutes (MIIs), which focus on advanced technologies and maintain extensive membership networks-including many NDCs-demonstrates the tangible benefits of diverse teaming arrangements from the outset. It is also important to recognize the differing motivations between non-profit organizations, such as NCDMM, and for-profit companies. While non-profits may prioritize mission-driven outcomes, for-profits are often focused on maximizing return on investment, increasing company valuation, and financial gains. Understanding these distinctions helps large businesses tailor their engagement strategies to align interests and achieve mutual success.

For example, NCDMM is a large business executing 200+ active research and development contracts without its own testing facilities. We rely extensively on partnerships with small, medium, and other large manufacturers, technology providers, etc., many who are NDCs. By continuously expanding our network of innovative partners and subject matter experts, NCDMM demonstrates how strategic collaboration can deliver results that meet or exceed government needs. This model can serve as a blueprint for other large businesses in DOTC, highlighting the value of cultivating relationships with a diverse range of contractors.

Additionally, NCDMM's management of America Makes-the flagship Manufacturing USA Innovation Institute-illustrates the effectiveness of public-private partnerships in advancing critical technologies like additive manufacturing. With hundreds of members from industry, academia, government, and workforce development organizations, America Makes exemplifies how collaborative efforts can accelerate innovation and enhance global competitiveness. Large businesses within DOTC can draw inspiration from this approach, fostering environments where NDCs are integrated and empowered to contribute meaningfully to defense projects.

Please describe the importance of the NAC to your organization and provide a synopsis of the participation in NAC/DOTC since becoming a member (e.g., number of proposal submissions, awards, industry days and membership meeting attended).

The Defense Ordnance Technology Consortium (DOTC) is an important piece of NCDMM's strategy for advancing defense innovation and fulfilling our mission. DOTC provides NCDMM with direct access to the DoW's most pressing needs and priorities, allowing us to engage with decision-makers and respond swiftly to emerging challenges. This direct engagement ensures that our efforts are always aligned with the real requirements of the defense community.

Participation in DOTC opens doors to invaluable networking opportunities. Through annual member meetings and collaborative events, NCDMM can connect with industry leaders, identify new partners, and build teams that drive technological advancement. These relationships are essential for expanding our technical capabilities and delivering solutions that meet and exceed customer expectations.

DOTC's Other Transaction Authority (OTA) is a significant benefit for NCDMM. By leveraging flexible contract mechanisms such as this, we are able to overcome regulatory barriers and focus on delivering impactful results for the DoW.

NCDMM is not-for-profit and fundamentally mission-driven, executing applied R&D through collaborative partnerships, integrating advanced technologies, and implementing best practices to improve weapon and support systems. Our approach is unbiased as well as technology and vendor-agnostic, ensuring that every solution is tailored to the needs of the mission rather than commercial interests.

Looking forward, NCDMM is committed to increasing its participation in DOTC. My personal goal is to maximize our engagement and bring even greater value to the consortium. Drawing from prior experience at Concurrent Technologies Corporation-where millions were awarded for R&D efforts and the team I led received recognition for outstanding technical achievement-I am confident that NCDMM's expertise and collaborative spirit will continue to drive meaningful progress within DOTC.

Additionally, as the manager of America Makes, NCDMM brings the largest breadth of additive manufacturing expertise in the U.S. to DOTC. This unique capability is a tremendous asset, enabling us to support the consortium with cutting-edge knowledge and resources.

In summary, DOTC is essential to NCDMM's ability to innovate, collaborate, and deliver solutions that advance national defense priorities. Our commitment to DOTC is unwavering, and we are dedicated to leveraging our resources to support the mission and drive industry-wide progress.

WILLINGNESS TO SERVE CERTIFICATION

Signature

A handwritten signature in black ink, appearing to read "Zane M. Sprues". The signature is written in a cursive style with a large initial "Z" and "S".

Date

07/17/2026

GINO M. SPINOS

Executive Director, Manufacturing Engineering

NCDMM – Johnstown, PA

Security Clearance: SECRET (Active)

Professional Summary

Executive-level manufacturing engineering leader with extensive experience in advanced manufacturing technologies, industrial base modernization, and complex program and project management. Proven success strengthening U.S. defense manufacturing capabilities, optimizing industrial processes, and leading high-performance technical teams. Recognized for strategic planning, leadership, cross-agency collaboration, and delivering measurable improvements in productivity, capacity, cost efficiency, sustainability, and ESOH compliance.

Professional Experience

Executive Director, Manufacturing Engineering

National Center for Defense Manufacturing and Machining (NCDMM) – Johnstown, PA | 2023 – Present

Responsible for enterprise-wide program and project management across NCDMM. Lead strategic business development, operational and process improvements, and the creation and strengthening of key partnerships. Set organizational strategic direction and oversee internal and external communications. Advance initiatives that increase NCDMM's technical impacts, operational effectiveness, and long-term mission success and technology transition.

Director, Manufacturing Engineering

NCDMM – Blairsville, PA | 2019 – 2023

Led advanced manufacturing technology implementation projects focused on improving processes, increasing capacity, reducing costs, and enhancing production capabilities. Directed efforts to improve ESOH compliance and workplace quality. Maintained and expanded support for Letterkenny Army Depot and Letterkenny Munitions Center. Principal lead for the DoD-wide Cold Spray Technology Roadmap, resulting in several cold spray transition at multiple Service locations.

Director, Environmental and Process Engineering

Concurrent Technologies Corporation (CTC) – Johnstown, PA | 2003 – 2019

Held positions ranging from Process Engineer to Director. Led modernization and optimization initiatives across the Organic Industrial Base (OIB). Executed programs to increase capacity, improve sustainability, reduce costs, enhance production output, and ensure ESOH compliance. Conducted ROI analyses supporting future contracting strategies.

Director of Operations; Prior Roles: Chemist, Supervisor, Assistant Plant Manager

Pollution Control Industries (PCI) – East Chicago, IN | 1996 – 2003

Directed daily operations for a ~200-employee hazardous materials treatment, storage, transport, and handling organization. Optimized manufacturing and production processes, integrated innovative technologies, and ensured rigorous ESOH compliance including ~50% increase in recycled waste materials.

Education

MBA – Saint Francis University, Loretto, PA (2016)

BS, Environmental Science – California University of Pennsylvania (1995)

Core Competencies

- Advanced Manufacturing Technologies
- Industrial Base Modernization
- Program & Project Management
- Strategic Planning & Execution
- Leadership
- Process Optimization & Cost Reduction
- ESOH Compliance
- Defense Sector Partnership Development
- Technology Transition & Roadmapping

Security Clearance

SECRET (Active)