

Defense Manufacturing Conference 2023: Army ManTech Industry Outreach Session

Date, Room Number and Time To be finalized [Tentative Wednesday afternoon]

Location: Music City Center- Nashville, TN

Conference Details: <http://dmcmeeting.com/>

Summary:

The Army ManTech Program addresses manufacturing solutions that enable and improve the efficiency and affordability of manufacturing processes to advance the Army's technological capabilities while reducing life-cycle costs for current and future Army acquisition programs. Three primary objectives of the program include:

- Material development to meet performance requirements
- Improve manufacturability and reduce the cost to programs of record (PoRs)
- Advance the Organic Industrial Base

The Army ManTech Program coordinates with key partners across the defense industrial base to develop manufacturing processes and apply manufacturing technologies that will reduce acquisition and sustainability costs, as well as repair cycle times, of defense weapons systems in direct support of Army warfighting capabilities critical for the success of our Soldiers. The Army ManTech program focuses investments on specific Army related systems in the following portfolio areas:

- Networks/Command, Control, Communications, and Intelligence (N/C3I)
- Weapon Systems (including long-range precision fires and air missile defense)
- Ground Systems (including next generation combat vehicles)
- Aviation Systems (including future vertical lift)
- Soldier Systems (including Soldier lethality)

The Army ManTech Program Office concurrent technical session at DMC 2023 will consist of a brief overview of the Army ManTech program strategy where industry can learn about specific areas of interest for Army investments. This overview will be followed by one-on-one meetings with program technical leads to discuss industry capabilities for meeting the Army's program objectives. Please register and note which of the following areas you are interested in engaging in one-on-one sessions with at the DMC: NC3I Platforms, Weapon Systems, Ground Systems, Aviation Systems, and Soldier Systems. An ARCTOS representative for the DMC will work with you to finalize the details of those one-on-one sessions in late November. There will be an opportunity to meet with up to 4 Army organizations at this session – you may select up to 4 areas of interest.

Contact: If you have questions or concerns, or to make adjustments to your selection after registration, please reach out to Mr. Donald Szczur at donald.j.szczur.ctr@army.mil.

One-on-one sessions can be made with the following Army representatives from the following areas of interest:

Ground Systems: ManTech efforts focused primarily focused on Army land maneuverability and ground system platforms. These efforts support the Army's ability to gain positions of relative advantage, overmatch the enemy, protect Soldiers from harm, and impose a tempo of event and multiple simultaneous dilemmas on the enemy to overwhelm enemy effectiveness through ground mobility. Additionally, these efforts support the Army's modernization priority for Next Generation Combat Vehicles which integrate other close combat capabilities in manned and unmanned teaming, leveraging semi-autonomous and autonomous platforms in conjunction with improved firepower, protection, mobility and power generation capabilities. The ground portfolio also supports force projection and force protection technologies to enable the Army to realize close combat. Efforts include programs aligned to the executive offices of Ground Combat Systems; Combat Support & Combat Service Support; and the joint program executive office, Armaments & Ammunition. **Representatives could include technical subject matter experts from the Army DEVCOM Armaments Center (AC); DEVCOM Army Research Laboratory (ARL); and DEVCOM Ground Vehicle Systems Center (GVSC).**

Aviation Systems: ManTech efforts focused on Army manned and unmanned aviation platforms to improve maneuverability, range, speed, payload capacity, mission systems, survivability, reliability, and reduced logistical footprint. Additionally, these efforts support the Army Future Vertical Lift modernization priority through manufacturing technologies that provide next generation of vertical lift aircraft for the Army. Efforts include programs aligned to the executive offices within the joint executive office of Armaments & Ammunition and program executive office for Aviation. **Representatives could include technical subject matter experts from the Army DEVCOM Armaments Center (AC) and the DEVCOM Aviation & Missile Center (AvMC).**

Soldier Systems: ManTech efforts focused primarily on integrated Soldier and Squad weapon platforms. These efforts provide manufacturing solutions that enhance integrated Soldier capabilities through their equipment, personal sustainment, performance, protection, and communication. Additionally, this effort supports the Soldier Lethality modernization priority. Efforts include programs aligned to the executive offices of Soldier; Combat Support & Combat Service Support; Chemical Biological Radiological and Nuclear Defense; and the joint program office for armaments and ammunition. **Representatives could include technical experts from the Army Medical Research and Development Command (USAMRDC); Army Engineer Research and Development Center (ERDC); DEVCOM Army Research Laboratory (ARL); DEVCOM Chemical Biological Center (CBC); DEVCOM Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance and Reconnaissance (C5ISR) Center; and the DEVCOM Soldier Center (SC).**

Network, Communications, Command, Control and Intelligence (N/C3I): ManTech efforts focused on an integrated system of hardware, software and infrastructure that is sufficiently mobile, reliable, user-friendly, discreet in signature, expeditionary and appropriate for any environment where the electromagnetic spectrum is denied or degraded. It also focuses on dependable communication or assured position, navigation, and timing; tactical space; navigation warfare; and Cyber operations. Additionally, it covers virtual and immersive Common Operation Environments in support of faster decision making. These efforts support the Army modernization priority for future systems and enabling areas for assured positioning, navigation, timing and synthetic training environments. Efforts include programs aligned to the executive offices of Intelligence Electronic Warfare & Sensors; and Command Control Communications-Tactical. **Representatives could include technical experts from the Army DEVCOM Army Research Laboratory (ARL); and the DEVCOM Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance and Reconnaissance (C5ISR) Center.**

Weapon Systems: Manufacturing technology efforts focused on current and future comprehensive weapons system platforms which include munitions and formations that improve range, lethality, mobility, precision, target acquisition and force protection capabilities within multi-domain operations. Additionally, these efforts support the Army modernization priorities for long-range precision fires (LRPF) which is focused on strategic fires, precision strike missile capabilities, and extended range cannon artillery as well as air missile defense (AMD) systems to include directed energy systems and interceptors focused on providing maneuverability for short range air defense, and indirect fire protection capabilities. Efforts include programs aligned to the executive offices of Missile and Space, and the joint executive office Armaments & Ammunition. **Representatives could include technical experts from the Army Rapid Capabilities and Critical Technologies Office (RCCTO) / Space and Missile Defense Command (SMDC); DEVCOM Aviation & Missile Center (AvMC); DEVCOM Armaments Center (AC); and DEVCOM Army Research Laboratory (ARL).**

Information on the Army ManTech Program is available at:
<https://www.dodmantech.mil/DoD-ManTech/Army-ManTech/>

Disclaimer: This is not a solicitation for proposals.