TECHNICAL *TOPICS*

*All topics are controlled by security access requirements.

NUCLEAR SYSTEM DEVELOPMENT

Develop foundational capabilities, requirements, strategies, and identify candidate technologies for enhanced nuclear surety.

NUCLEAR SYSTEMS INTEGRATION

Integration of nuclear and non-nuclear components of future U.S. nuclear experiment units for development and delivery to various U.S. integration and test organizations.

NUCLEAR SYSTEM FLIGHT TESTING AND EVALUATION

Development and delivery of nuclear systems to various U.S. test organizations.

NUCLEAR EXPLOSION MONITORING

Improve capabilities to detect, locate, discriminate, and characterize nuclear explosions' depths, yields, and other emplacement conditions.

NUCLEAR COMMAND, CONTROL, AND COMMUNICATION

Enable uninterrupted delivery of strategic and critical conventional data within contested and nuclear environments, via innovative new technologies and architectures.

OUR *CONTACT*

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www.sam.gov

DEPARTMENT OF DEFENSE

NEUTRON-STAR

ADVANCED RESEARCH ANNOUNCEMENT

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CONTRACT OPPORTUNITY

ABOUT AUTHORITIES

Type of Contract/Instrument: The Government reserves the right to award the instrument best suited to the nature of the research proposed. Accordingly, the Government may award any appropriate contract, agreement or assistance instrument type under the authorities below:

- Federal Acquisition Regulation (FAR)
- 10 U.S.C. §4021 "Other Transaction for Research"
- 10 U.S.C. §4022 "Other Transaction for Prototype"
- 10 U.S.C. §4023 "Procurement for Experimental Purposes"
- 15 U.S.C §3710a – Cooperative Research and Developments Agreements
- 15 U.S.C §3715 – Partnership Intermediaries
- 32 C.F.R. §22.215 – Grants and Cooperative Agreements

NAICS CODE:

541715 - RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)

INDUSTRY-GOVERNMENT COMMUNICATION

Discussions shall not constitute a commitment by the Government to subsequently fund or award any proposed effort. No guidance related to technical approach will be given. Offerors are advised that only Contracting or Agreement Officers are legally authorized to contractually bind or otherwise commit the Government.

ABOUT OUR VISION

AFRL's Geo Space Division positions AFRL to steward, develop, and deliver leading technologies to the warfighter and the nuclear enterprise to ensure national defense. Proposed solutions that are innovative and will substantially improve national defense capabilities across the domains of national nuclear deterrence operations are sought.