



IWTSD INDUSTRY DAY -

IWTSD Overview

March 5, 2024



MISSION

To Identify and develop capabilities for DoD to conduct Irregular Warfare against all adversaries, including Great Power competitors and non-state actors, and to deliver those capabilities to DoD components and interagency partners through rapid research and development, advanced studies and technical innovation, and provision of support to U.S. military operations.

Objectives:

- Support the National Defense Strategy and the Annex for Irregular Warfare.
- Provide forums to solicit and collaborate on R&D requirements.
- Rapidly advance technology development, deliver prototypes for operational tests and evaluations, and assist in product transition.
- Promulgate technology & information exchange.
- Influence policy identify enablers.







ORGANIZATION

Executive Program Direction

DoD ASD SO/LIC



Program Management

Irregular Warfare Technical Support Directorate (IWTSD)

Execution Oversight

Department of the Navy



Subgroups and Chairs

Expeditionary Force

Protection

OPMG / DOE / FBI

Advanced Analytics

USSOCOM CDAO

Indirect Influence and Competition

USASOC

Chemical, Biological, Radiological, Nuclear, and Explosives

JPEO CBRND / FBI / DHS S&T

Protection, Survivability, and Recovery USSOCOM / USSS

SO/LIC Advanced Development Explosive Ordnance Disposal and Explosive Operations JSEOD / NBSCAB / CEHC

Surveillance, Collection, and Operations Support Human Performance and Training

USSOCOM

Tactical Offensive Support

USASOC / FBI

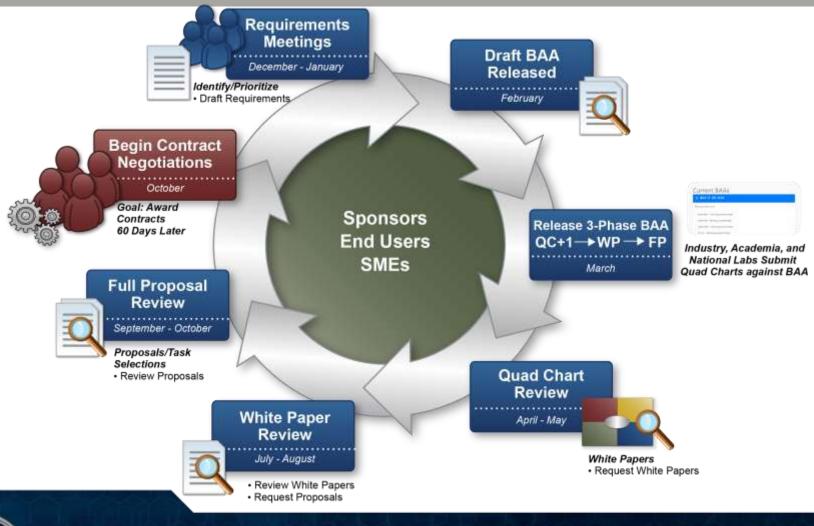




3

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BUSINESS CYCLE









TECHNOLOGY TRANSITION

Objective:

Affordable, operationally suitable technology in the hands of our users.

How it works:

- An integral part of IWTSD business process
 - Begins with the proposal
 - Continues throughout development
 - Requires Technology Transition Plan
- Prepares for the unexpected
- Planning assistance provided by IWTSD
- Accelerates prototype to product cycle







INTERAGENCY PARTICIPATION

Department of Defense

Assistant to the Secretary of Defense for Nuclear and Chemical and Biological Defense; Acquisition, Technology and Logistics

Counterintelligence Field Activity

Defense Academy for Credibility Assessment

Defense Advanced Research Projects Agency

Defense Computer Forensics Laboratory

Defense Criminal Investigative Service

Defense Cyber Crime Institute

Defense Finance and Accounting Service

Defense Forensics and Biometrics Agency

Defense Forensic Science Center

Defense Forensic Enterprise

Defense Intelligence Agency

Defense Threat Reduction Agency

Explosives Safety Board

First Intelligence Battalion, I Marine Expeditionary Force

Intelligence Department, Headquarters Marine Corps Intelligence Support Battalion, Marine Forces Reserve

Joint Chiefs of Staff

Joint Improvised-Threat Device Organization

Joint Pathology Center

Joint Personnel Recovery Agency

Joint Program Executive Office for Chemical and

Biological Defense

Joint Service Explosive Ordnance Disposal

Joint Task Force North (NORTHCOM)

Joint Warfare Analysis Center (JWAC)

Intelligence Systems Support Office

Lawrence Livermore National Laboratory

Marine Corps Intelligence Activity

Marine Corps Information Operations Center

National Center for Credibility Assessment

National Defense University

National Security Agency

National Geospatial-Intelligence Agency

National Media Exploitation Center

National Reconnaissance Office

Naval Post Graduate School, Monterey

Naval Post Graduate School, SOCOM

Naval Sea Systems Command

Night Vision and Electronic Sensors Directorate

NSWC Indian Head Explosive Ordnance Disposal

Technology Division

Office of Naval Research

Office of the Provost Marshal General

Office of the Secretary of Defense (Rapid Fielding

Office of the Undersecretary of Defense for Personnel and Readiness

Pentagon Force Protection Agency

Physical Security Enterprise & Analysis Group

Rapid Reaction Technology Office

Second Intelligence Battalion, II Marine Expeditionary Force

Special Operations Command

Unified Combatant Commands

U.S. Air Force

U.S. Air Force Air Combat Command

U.S. Air Force Office of Special Investigations

U.S. Air Force Research Laboratory

U.S. Air Force Special Operations School

U.S. Arm

U.S. Army 20th Support Command – Chemical, Biological, Radiological, Nuclear, and High Yield Explosives

U.S. Army 22nd Chemical Battalion

U.S. Army 52nd Ordnance Group

U.S. Army Armaments Research, Development and Engineering Center

U.S. Army Asymmetric Warfare Group

U.S. Army Chemical School

U.S. Army Chemical School, Maneuver Support Center

U.S. Army Communications-Electronics Research,
Development and Engineering Center

U.S. Army Corps of Engineers

U.S. Army Criminal Investigation Command

U.S. Army Criminal Investigation Laboratory

U.S. Army Edgewood Chemical Biological Center

U.S. Army Explosive Ordnance Disposal Technical Detachment

U.S. Army Intelligence and Security Command

U.S. Army John F. Kennedy Special Warfare Center and School

U.S. Army Joint Trauma Analysis and Prevention of Injury in Combat

U.S. Army Maneuver and Support Center

U.S. Army Medical Department

U.S. Army Medical Research and Material Command

U.S. Army Military Police School

U.S. Army National Ground Intelligence Center

U.S. Army National Guard Bureau

U.S. Army Product Manager-Force Protection Systems

U.S. Army Product Manager – Guardian

U.S. Army Program Executive Office Soldier Protective Equipment

U.S. Army Rapid Equipping Force

U.S. Army Research, Development, and Engineering Command

U.S. Army Research Laboratory





6



INTERAGENCY PARTICIPATION

Department of Defense cont'd

- U.S. Army Soldier Systems Center (Natick)
- U.S. Army Special Forces Command
- U.S. Army Special Operations Command
- U.S. Army Tank Automotive Research, Development, and Engineering Center
- U.S. Army Training and Doctrine Command/Intelligence Support Activity
- U.S. Marine Corps
- U.S. Marine Corps Central Command
- U.S. Marine Corps Chemical Biological Incident Response Force
- U.S. Marine Corps Explosive Ordnance Disposal Detachment
- U.S. Marine Corps Forces Cyber Command
- U.S. Marine Corps Forces Northern Command
- U.S. Marine Corps Forces Pacific Command
- U.S. Marine Corps Forces Special Operations Command
- U.S. Marine Corps, Headquarters Marine Corps Intelligence Department
- U.S. Marine Corps Systems Command
- U.S. Marine Corps Warfighting Laboratory
- U.S. Marine Training and Education Command
- U.S. Naval Facilities Engineering Command
- U.S. Naval Special Warfare Command
- U.S. Navy Bureau of Medicine
- U.S. Navy Chief of Naval Operations
- U.S. Navy Commander Navy Installations Command
- U.S. Navy Expeditionary Combat Command
- U.S. Navy Explosive Ordnance Disposal Detachment 63
- U.S. Navy Explosive Ordnance Disposal Fleet Liaison Office
- U.S. Navy Naval Air Warfare Center
- U.S. Navy Naval Air Systems Command
- U.S. Navy Naval Criminal Investigative Service

Department of Defense cont'd

- U.S. Navy Naval Forces Central Command
- U.S. Navy Naval Research Laboratory
- U.S. Navy Naval Surface Warfare Center
- U.S. Navy Program Executive Office Ships
- U.S. Navy Sea Systems Command
- U.S. Navy Strategic Systems Programs

Department of Agriculture

Animal and Plant Health Inspection Service Food Safety and Inspection Service Forest Service

Department of Commerce

National Institute of Standards and Technology
Office of Law Enforcement Standards

Department of Energy

National Nuclear Security Administration
Office of Environment, Health, Safety and Security

Department of Health and Human Services

Centers for Disease Control and Prevention Food and Drug Administration National Institute for Occupational Safety and Health Office of Inspector General

Department of Homeland Security

Border and Transportation Security Directorate

Federal Air Marshal Service

Federal Emergency Management Agency

Federal Law Enforcement Training Center

Federal Protective Service

Forensic Document Laboratory

Homeland Security Advanced Research Project

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Homeland Security Investigations

Immigration and Customs Enforcement

Information Analysis and Infrastructure

Protection Directorate

Office for Domestic Preparedness

Office for Bombing Prevention

Science and Technology Directorate

Transportation Security Administration

Transportation Security Laboratory

Urban Search and Rescue

U.S. Border Patrol

U.S. Coast Guard

U.S. Customs and Border Protection Border

Patrol Tactical Unit

U.S. Secret Service

Special Services Division, Technical Security Division

Department of the Interior

Bureau of Reclamation

National Park Service, United States Park Police







INTERAGENCY PARTICIPATION

Department of Justice

Bureau of Alcohol, Tobacco, Firearms and Explosives
Drug Enforcement Administration
Federal Bureau of Investigation
Federal Bureau of Prisons
National Institute of Justice
National Center for Forensic Science
U.S. Marshals Service

Department of Labor

Department of State

Bureau of Arms Control, Verification, and Compliance Bureau of Counterterrorism Bureau of Diplomatic Security Bureau of Overseas Buildings Operations Center for Strategic Counterterrorism Communications

Department of Transportation

Federal Aviation Administration Research and Innovative Technology Administration (Volpe Center)

State and Local Agencies

Arlington County (VA) Fire Department Bloomington, Minnesota Police Department (Central Region) **Boston SWAT** DC Metropolitan Police Fairfax City (VA) Fire Department Fairfax County (VA) Fire and Rescue Department Fairfax County (VA) Police Department Fire Department, City of New York Georgia Bureau of Investigation (Southern region) Houston, Texas Police Department (Western region) Jacksonville (FL) Port Authority Los Angeles County Sheriff's Department Lynchburg (VA) Sheriff's Office Maryland State Police Maryland State Police SWAT Massachusetts State Police Michigan State Police Montgomery County Department of Police Morris County Sheriff's Office (Eastern region) New York City Office of Chief Medical Examiner New York City Police Department Pinellas County (FL) Sheriff's Office Port Authority of New York and New Jersey Protective Services Police Department (DC) Seattle (WA) Fire Department South Carolina State Police SWAT Virginia State Police

Other Organizations

Department of Veteran Affairs **Environmental Protection Agency** Federal Reserve Board **Intelligence Community** InterAgency Board National Aeronautics and Space Administration National Bomb Squad Commanders Advisory Board National Enforcement Investigations Center National Forensic Science Technology Center **National Tactical Officers Association National Transportation Safety Board Nuclear Regulatory Commission** Office of the Director of National Intelligence United States Agency for International Development U.S. Capitol Police **U.S. Postal Inspection Service**





International Programs







IWTSD INDUSTRY DAY

Contracts/Broad Agency Announcement (BAA)

March 5, 2024



- Role of the Contracting Officer
- Historical Information
- Quad Charts
- Addendum
- Evaluation Criteria
- Lessons Learned







Roles of the Contracting Officer

- Publicizing BAA
- Overseeing Selection process
- Negotiating award and administering contracts under the BAA.







BAA STATISTICS/HISTORICAL INFORMATION

BAA#	Release Date	# of Requirements	Quad Charts Received	Awarded Amount
21S4370	23-MAR-2021	43	698	\$24,457,927
21S4372*	02-APR-2021	12	48	\$18,118,642
21S4405 (OOC)	31-AUG-2021	5	141	\$6,005,043
22S4385	23-MAR-2022	26	419	\$42,484,014
22S4387	15-APR-2022	9	28	\$6,274,175
23S4432	27-MAR-2023	32	511	\$53,246,688

This is an approximation of the total award, including optional follow-on work. https://bids.iwtsd.gov/Home/DisplayAwards

*Classified Requirements



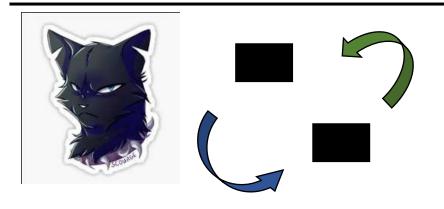




YOUR QUAD CHART

ABC: BAA: 20-S-###

DOC ID: SCOS-(REQUIREMENT NAME)-YOUR DOC ID



Technical Approach

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ROM & Schedule:

Products & Deliverables:

Corporate Information:







ADDENDUM

Addendum Content:

- Up to 1 (single sided) Pages, 8.5" ×
 11"
- 10pt+ font, double spaced, 1" margins
- Detail <u>technical data</u>
- Include the document identifier in header

(Presse mark/clessify according to the level of material contained within)

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BASIC EVALUATION CRITERIA

- Basic Requirement
 - Solution must meet the intent of the requirement
- Technical Performance
 - Approach must be feasible, achievable, complete, and supported by a proposed technical team that has the expertise and experience to accomplish the proposed tasks







BASIC EVALUATION CRITERIA

- Cost
 - Fair & Reasonable
- Schedule (3 things to keep in mind)
 - Reasonable, Achievable, and Complete
- Past Performance (Phase 3 Request for Proposal)
 - Confidence assessment
 - The probability of successfully performing the requirement
 - Having no relevant past performance w/ Govt will <u>not</u> be held against a vendor







LESSONS LEARNED

- Submit documents early (late is late)
- FULL disclosure of your Data Rights
- Follow the communication procedures in the BAA
- Use <u>BIDShelp@iwtsd.gov</u> for all correspondence





LESSONS LEARNED

- Read and understand the BAA
- Avoid repeating the requirement
- Keep <u>COST SAVINGS</u> in mind
- Promote your special approach/technology









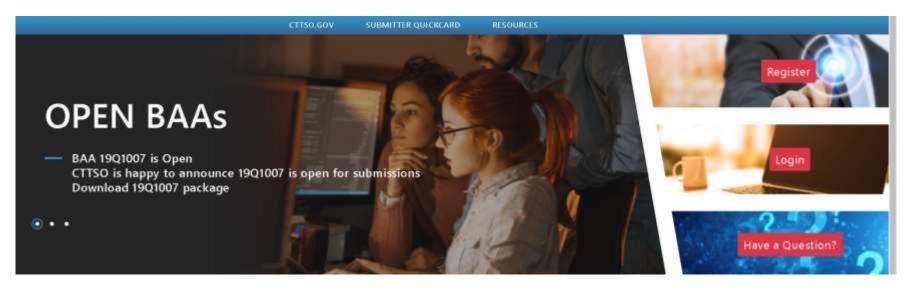
IWTSD INDUSTRY DAY

BAA Information Delivery System (BIDS)

March 5, 2024



What is BIDS?



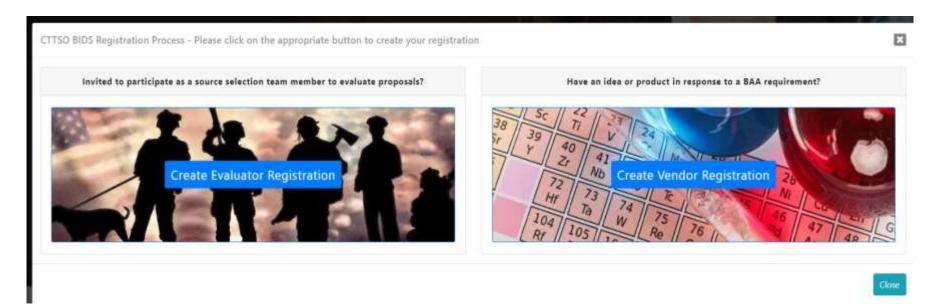
- Used to disseminate BAA related information
- Repository the BAA package
- Tracks your submissions
- Encrypts all data
- For UNCLASSIFIED submissions only!







Everyone Must Register



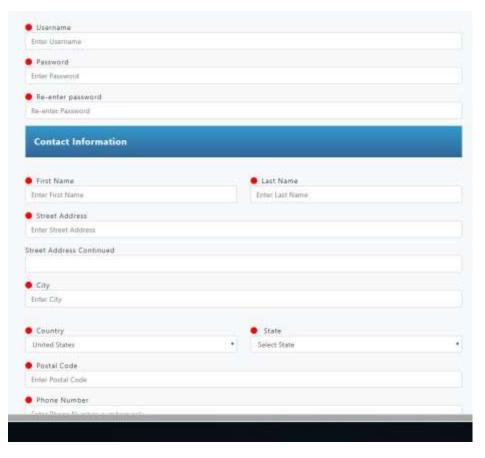
- Site uses a new address: https://bids.iwtsd.gov
- Click the "Register" button on the Homepage then click the "Create Vendor Registration" on the right







Registration Form



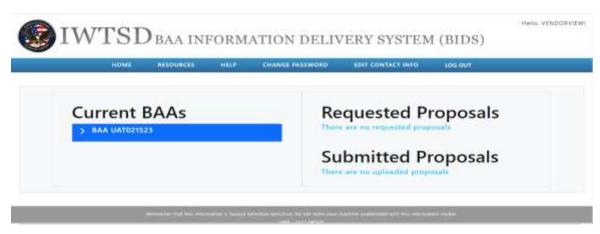
- Fill in all required fields (Marked with a red dot)
- Use a group email account for notifications
- All BIDS generated notification emails are sent to the address on your registration. Keep it updated!
- NEW: You must enroll a cell phone.
- You can begin submitting right away







Vendor Dashboard



- Once you log in you are presented the Vendor "Dashboard"
- The "Current BAAs" shows which BAAs are open for submissions
- Click any BAA to see the requirements under it
- Click an any link to begin the submission process







Starting a Submission

Please check your proposal against the following to ensure compliance with the BAA package:

The first page of your submittal must contain:

BAA Announcement Number

Subgroup

Document Identifier

The header must contain the Document Identifier, which must be in the format described in the BAA package. Here are some examples: ABC-R1000-VENDORUSERNAME-QC1

QRS-R8241-VENDORUSERNAME-S27A00

The last grouping of characters is the Tracking Number you will be prompted to provide when you create your proposal form.

Digital files must be submitted in the version and/or type as described in the BAA package.

Only Adobe Portable Document Format (.pdf) is allowed for Quad Chart/White Paper/Clarification file uploads.

Full Proposal file upload(s) may be submitted in Adobe Portable Document Format (.pdf), Microsoft Word (.doc/.docx), and/or Microsoft E

Graphic images must be in a format (,qlf/;jpeq) that will minimize the file size and support clear display and document printing.

File sizes must be as described in the BAA package. Generally, file sizes for Quad Charts must not exceed 1 MB (1024 KB), and White Pape

Reminder: Classified proposal files will contain ONLY the Document Information, as classified material shall NOT be entered into BIDS.

See the BAA package for additional information and detailed requirements.

- Review the checklist
- We only accept submissions as a single Adobe (.pdf) file
- Click "Create Proposal" to load the submission form







Completing a Submission



- Review Intellectual Property
 Rights and Human Subject
 Testing statements carefully
- Titles must be unique
- Check you file size carefully
- You must upload your submission file and click the "Submit Proposal" button before the BAA closes







Checking Submission Statuses

HOME RESOURCES HELP CHANGE PASSWORD EDIT CONTACT INFO LOG OUT

Current BAAs

BAA UAT021523

Requested Proposals

There are no requested proposals

Submitted Proposals

There are no uploaded proposals

- Do not wait for e-mails, check BIDS frequently!
- Log in and check under "Submitted Proposals" on your dashboard for the status (Accept / Reject / Under Review)
- Failure to get the automated e-mail is not grounds for an extension







Getting Help

The **Resources** menu item has templates for Quad charts, White papers and cover sheets. You must be logged in to see some available materials.

Have a Question? provides access to FAQs, any responses to previously asked BAA Questions and other information.

To Request Help, click the "Have a Question" image, then scroll down and click the "Don't see an answer to your question? Click here to create a help request" button. This sends your question to the Help Desk.

UNCLASSIFIED topics only!







Key Take-Aways

Everyone must be registered in the system to submit

2 factor authentication that requires a cell phone

All questions about Requirements must be received within 14 days of the BAA opening

All submission steps must be **completed** by the closing date and time to be compliant

Your initial submission will be a Quad chart with an optional page of **technical** details uploaded as a single Adobe (.pdf) file

If you have any questions, send an email to BIDSHelp@iwtsd.gov







IWTSD INDUSTRY DAY

Risk Management Framework

March 5, 2024



Risk Management Framework

The Risk Management Framework (RMF) is a set of guidelines that help organizations identify, measure, assess, manage, and monitor <u>risks</u> to their information and information systems.

Incorporates cybersecurity <u>early</u> and <u>robustly</u> in the acquisition and system development lifecycle:

- RMF provides a standard approach for organizations to determine their <u>unique</u> <u>risks</u> and implement the appropriate resources (people, process, or technology) to <u>reduce</u> the overall enterprise risks
- Provides a risk management methodology that gives organizations a true picture of vulnerabilities caused by non-compliant controls as it relates to other risk factors (i.e. likelihood, threat, and impact)





Risk Management Framework

CNSS 1253, FIPS 199, NIST SP 800-60

NIST SP 800-37 NIST SP 800-53A NIST SP 800-137

NIST SP 800-37

Step 6 MONITOR Security Controls

- Determine impact of changes to the system and environment
- Assess selected controls annually
- Conduct needed remediation
- Update security plan, SAR and POA&M
- · Report security status to AO
- · AO reviews reported status
- Implement system decommissioning strategy

Step 5 AUTHORIZE System

- Prepare the POA&M
- Submit Security Authorization Package (security plan, SAR and POA&M) to AO
- AO conducts final risk determination
- AO makes authorization decision

Step 1 CATEGORIZE System

- Categorize the system in accordance with the CNSSI 1253
- · Initiate the Security Plan
- Register system with DoD
 Component Cybersecurity Program
- Assign qualified personnel to RMF roles





Step 4 ASSESS Security Controls

- Develop and approve Security Assessment Plan
- Assess security controls
- SCA prepares Security Assessment Report (SAR)
- · Conduct initial remediation actions

NIST SP 800-53A

Step 2 SELECT Security Controls

- · Common Control Identification
- · Select security controls
- Develop system-level continuous monitoring strategy
- Review and approve the security plan and continuous monitoring strategy
- · Apply overlays and tailor

Step 3 IMPLEMENT Security Controls

- Implement control solutions consistent with DoD Component Cybersecurity architectures
- Document security control implementation in the security plan

FIPS 200 NIST SP 800-53

NIST SP 800-70 NIST SP 800-160





Will a Project Need RMF?

If you answer YES to any of the following questions, then RMF applies to your effort:

- Are you developing DoD or Federal information systems (weapon systems, standalone systems, control systems, or any other type of systems with digital capabilities)?
- Will your project transmit/process/store/display Federal data or information (at any classification level)?
- Will your project/solution integrate with a DoD or other Federal information system/network?
- Will you deploy your product/solution on a DoD or other Federal information system/network?
- Will users access your product/solution remotely from a DoD or other Federal information system/network?



