

Engaging Policy Stakeholders to Inform a Future National Secure Data Service

Request for Solutions

Dr. May Aydin
NCSES, Science Advisor

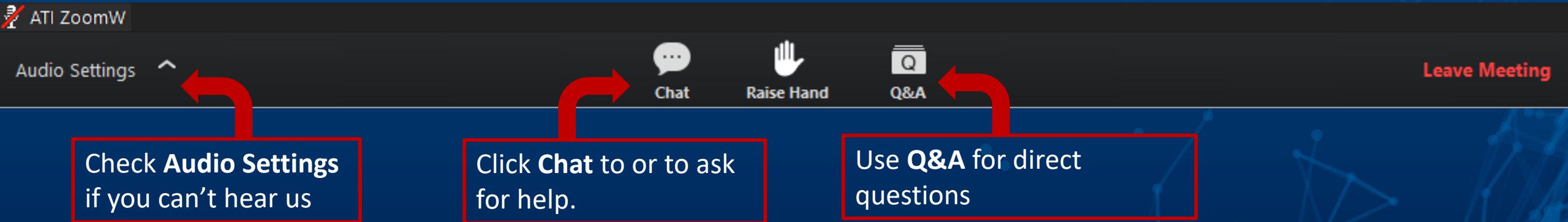


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Housekeeping Items:

- All attendees are on mute and will not be able to unmute themselves.
- Please use the “chat” function for technical difficulties only.
- Place all questions in the Q&A Box.
- Please check your audio settings if you are having difficulties hearing us.



The image shows a screenshot of the Zoom meeting control bar. The background is dark grey. On the left, there is a microphone icon and the text 'ATI ZoomW'. Below this, the text 'Audio Settings' is followed by an upward-pointing chevron icon. In the center, there are three icons: a speech bubble icon labeled 'Chat', a hand icon labeled 'Raise Hand', and a document icon with a 'Q' labeled 'Q&A'. On the far right, there is a red 'Leave Meeting' button. Three red arrows point from text boxes below to the 'Audio Settings', 'Chat', and 'Q&A' icons respectively.

Check **Audio Settings** if you can't hear us

Click **Chat** to or to ask for help.

Use **Q&A** for direct questions



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Background



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America's DataHub Consortium (ADC)

Vision: To be an enduring national asset, where eligible people and secure data come together for collaborative research and decision-making that will benefit the American public.

21 projects awarded since 2022



Support cutting-edge data infrastructure



Build data security capabilities to further increase privacy protections and public trust



Develop new ways of acquiring and linking data to yield valuable insights into critical issues

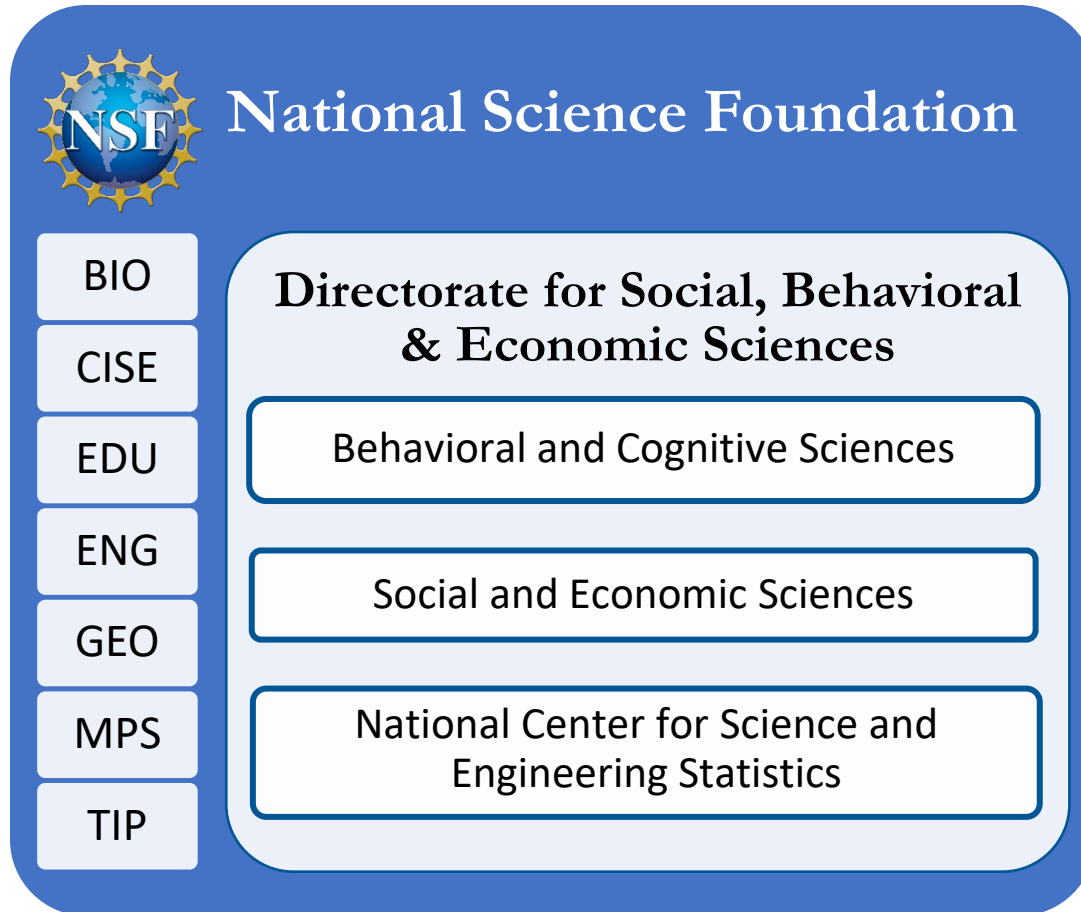


Provide novel and innovative analyses



Share lessons learned for similar activities across the Federal government

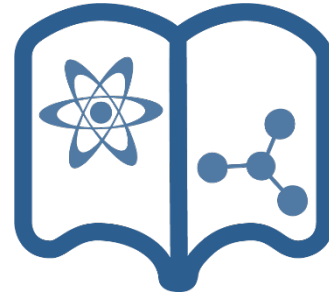
Placed within NSF's SBE Directorate, NCSES is one of 13 principal federal statistical agencies



NCSES's mission is to serve as a federal clearinghouse for objective data that provide key insights into the S&E enterprise



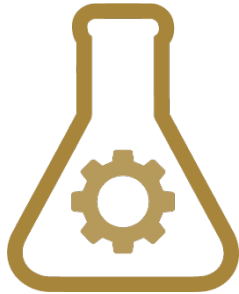
**Science & Engineering
Workforce**



STEM Education



**Innovation & Global
Competitiveness**



Research & Development



**Government Funding
for S&E**



Higher Ed R&D



The idea of a transformational NSDS to coordinate data linking, secure access, and support innovation everywhere has a distinguished lineage



The pathway to the NATIONAL SECURE DATA SERVICE

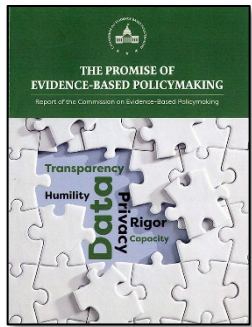
2016

2018

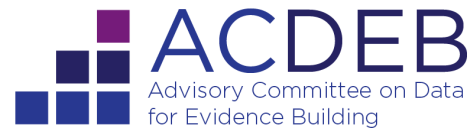
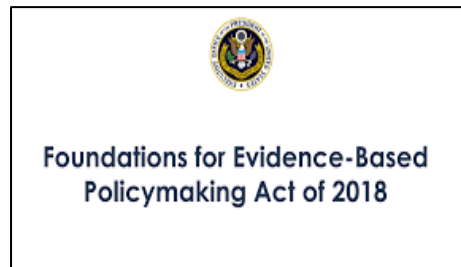
2020

2021

2022



Commission on
Evidence-Based
Policymaking



National Secure Data
Service Demonstration
Project

A vision for the NSDS



The NSDS is envisioned as a government-wide set of shared services. It serves as a **front door** and a central hub for users to discover shared services and resources and to utilize the NSDS data access and linkage infrastructure.



Shared services and resources will include a data concierge service to direct users on their evidence-building journey, toolkits for data protection and synthetic data, communities of practice where users can connect, and platforms to promote transparency concerning the use of government data.



The **data access and linkage infrastructure** will enable users to securely access, link, and analyze powerful, high value data. The NSDS access infrastructure will complement agency enclaves and the Federal Statistical Research Data Center (FSRDC) network while addressing gaps in coverage. The NSDS will also facilitate secure data linkages in support of distinct, authorized projects.

Engaging Policy Stakeholders to Inform a Future National Secure Data Service

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Background

Policy stakeholders (including but not limited to policy influencers, policy advisors, policymakers, and policy evaluators) have unique responsibilities for promoting and implementing critical decisions that have the potential to impact society at all levels.

These responsibilities include but are not limited to enacting laws and regulations, establishing new programs and initiatives, allocating program funds and resources, measuring program impact on a specific population, and establishing other priorities for public investment.



Key Objective

The objective of this project is to explore the development of a National Secure Data Service (NSDS) framework to enable federal policy stakeholders to use data efficiently and effectively for informed, evidence-based decisions. The outcomes of this project will inform a future NSDS by highlighting the potential role of navigation and concierge services for policy stakeholders, and the development of resources, to support the needs of these groups who seek data and evidence for their work.



Project Goals

1. To **conduct a detailed case study**, as described above, to illuminate the processes, capacity needs and other barriers that highlight unique requirements for data-driven policy activity. The case study of interest will be defined in consultation with the NSB. Technical and other forms of data assistance will be provided through a user journey framework, as needed, to support the case study.
2. To **conduct a literature review**, environmental scan and separate needs analysis with a diverse set of policy stakeholders at the federal level, including but not limited to policy influencers, policymakers, and policy evaluators.
3. To **conduct a gap analysis** to determine what needs are not currently being met and what barriers currently exist with policy stakeholders' capacity for evidence-building.
4. To **build on the findings of current NSDS Demonstration efforts** and current community models and toolkits, to **provide recommendations** for a potential framework of services and tools in support of policy stakeholders who engage within a National Secure Data Service.



Information Gaps

This project will:

- **Build understanding of the federal policy stakeholder persona and user journeys** that can be adapted and used for the NSDS and related outreach.
- **Document the needs of federal policy stakeholders** to plan, identify, acquire, access, and use statistical data and information to inform their work.
- **Provide a framework, models, approaches, and tools** that could be used to provide services and other interventions to support the data needs of federal policy stakeholders within a National Secure Data Service.
- **Identify the services and support** that could potentially be integrated into a larger data concierge service function for a National Secure Data Service.



Key Evidence Building Considerations

- **Key focus questions** (address one or more) to assess innovation in the following areas - user engagement and customer service:
 - What unique approaches and support do policy stakeholders need for data-driven decision making?
 - How can a data concierge service support the needs of policy stakeholders?



Deliverables (1 of 2)

At a minimum, offerors will provide the following if selected for an award. Additional deliverables may be required.

- **Stakeholder engagement strategy plan** for each of the stakeholder groups that includes the unique outreach methods to be used for each group, including the case study participants.
 - **Four reports:**
 - One report detailing the **needs and gap analyses** based on a literature search, community research, existing research, and stakeholder outreach
 - One report with **findings from the project's case study** detailing lessons learned, successes, challenges and barriers during the evidence building lifecycle.
 - One report documenting the **federal policy stakeholder user journey experience** with accompanying technical support, noting the specific data needs, barriers, and challenges and reasons for why the use case data needs could or could not be supported.
 - One report with **recommendations for the development of specific frameworks, resources, or other tools** to inform a concierge service model within an NSDS
-



Deliverables (2 of 2)

At a minimum, offerors will provide the following if selected for an award. Additional deliverables may be required.

- A **draft prototype service framework** or **policy toolkit** that could be adapted or scaled for an NSDS concierge service.
- **Proposed Strategic Communication Plan** for the policy framework/toolkit
- **OMB package materials** in support of the Paperwork Reduction Act, to be coordinated with NCSES.
- **Monthly status reports** on progress towards project objectives.
- **Quarterly lessons learned** based on what has been learned.

Questions?



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Request for Solutions (RFS) Requirements

Alexis Hurr

Contracts Manager

Advanced Technology International (ATI), ADC Consortium Management Firm (CMF)

americasdatahub.org/opportunities

The official source of information regarding the solicitations is included in the Request for Solutions posted on the ADC website. If you act on information from other sources, it is at your own risk.



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RFS Summary

Project Topic

- Proposals must address the specific topic area.
- See Attachment 1 of the RFS for full topic description

Project Awards

- It is anticipated there will be one award estimated at \$550,000.

Period of Performance

- 12 Months



One Step Process

- Offerors will submit a detailed technical and cost proposal for award evaluation.
- You do not need to be an ADC member to respond. However, if you're selected for award, you must join ADC (if not already a member).



Full Proposal Submission

- RFS Attachment 2 includes format
 - Volume 1: Technical Proposal
 - Limited to **8 pages plus cover page**
 - Volume 2: Cost Proposal
 - No page limit
 - Submit in Word format
 - Submission form: https://atisc.formstack.com/forms/adc_eps_rfs



Full Proposal Cover Page

- Working title of the proposed project
- Names, phone numbers, mailing, and e-mail addresses for the principal technical and contractual POCs
- Unique Entity ID (UEI) of the Offeror (if available)
- Project partners, if any
- Date of submission
- Proprietary data restrictions, if any



Volume 1: Technical Proposal Content

- **Executive Summary**

- **Summary Statement:** Provide a succinct statement of the aim of the project and proposed approach. In most cases, the summary statement will be no longer than a paragraph.
- **Context:** Briefly describe the current state of information and/or research in the area.
- **Proposed Approach:** Explain how the proposed approach will meet the objectives outlined in Attachment 1, result in or lead to a replicable framework that can be used to address similar issues, and inform other strategic priorities like the National Secure Data Service.



Volume 1: Technical Proposal Content *(Continued)*

- **Statement of Work**

- **Work Scope:** Describe the work to be accomplished as part of the project, organized as it is expected to be performed. Separate the work effort into major tasks and subtasks as numbered paragraphs or in a table.
- **Deliverables:** All project deliverables should be clearly listed and described.
- **Future Phases:** Proposals may include a discussion of optional, future phases of work. The original phase or work shall in no way depend on work described under future phases to meet the program criteria.

Do not include company-sensitive or proprietary data included in the Statement of Work



Volume 1: Technical Proposal Content *(Continued)*

- **Capabilities and Experience**
 - List all project partners and indicate if they are a non-traditional entity
 - Identify all key personnel and describe their roles; organize the team by organization name
 - Relate the capabilities and experience of key personnel and organizations to the project
 - Identify any supervisory relationships and the main POC check-ins during the project
 - Provide resumes (2-page max) for all key personnel in an appendix (excluded from page limit)



Volume 1: Technical Proposal Content *(Continued)*

• Capabilities and Experience *(continued)*

- Designate any graduate students or postdoctoral fellows to be funded by the project
 - If named, provide a biographical sketch (½ page max) of their background and research interests within resume appendix
- Describe unique capabilities that may reduce risk, duration, and/or improve financial performance
- Address any potential conflicts of interest and any proposed mitigation, and complete Exhibit 1 – Organizational Conflicts of Interest Certificate



Volume 1: Technical Proposal Content *(Continued)*

• Intellectual Property Rights

- Identify limitations on any intellectual property (patents, inventions, trade secrets, copyrights, or trademarks) that will impact the performance or the Government's use of any deliverable under the project
- Describe the intellectual property in sufficient detail to describe:
 - Limitations (data assertions, potential patent licenses required by the Government, etc.)
 - Why or how the Government can accomplish the objectives with the proposed limitations



Volume 2: Cost Proposal Content

- **Agreement Type:** Identify the preferred agreement type (e.g., firm fixed price, cost-plus-fixed-fee, etc.) and provide rationale.
 - Agreement type will be subject to concurrence of selected offeror and Government.
- **Cost Estimate:** Account for entire cost of project, broken down for each phase of the proposed work. Contractor format for the cost estimate is acceptable.



Volume 2: Cost Proposal Content *(Continued)*

- **Labor – Offeror only:** Describe each labor category or person with labor rate and hours.
- **Travel – Offeror only:** List number of trips and number of days, travelers, and costs per trip.
- **Team Members/Subcontractors/Consultants:** List all team member/subcontractor/consultant and associated totals.
- **Material/Equipment – Offeror only:** List all items and provide justification and basis of cost for each (i.e., catalog pricing, vendor quote, previous purchase, etc.).
- **Other Direct Costs – Offeror Only:** List all items and provide justification and basis of cost for each (i.e., catalog pricing, vendor quote, previous purchase, etc.).



Vol 2: Cost Proposal Content *(Continued)*

- **Indirect Costs – Offeror Only:** Breakout of indirect costs; indicate if indirect rates are Government approved.
 - If approved: cite approval date and federal agency.
 - If not approved: explain how the proposed indirect rates are appropriate for pricing.
- **Profit/Fee:** Indicate any proposed profit/fee.



Vol 2: Cost Proposal Content *(Continued)*

- **Cost Share (not required)**
 - **Cash (labor, travel, etc.):** As applicable, provide a description of each labor category, details on travel, list of materials, etc.
 - **In Kind (use of equipment, space/ buildings, intellectual property):**
Must provide basis of cost.



Full Proposal Submission Form

Offeror Information

Offeror Organization *

Offeror Address

Offeror City

Offeror State

Offeror Zip Code



Full Proposal Submission Form *(Continued)*

Are you currently a "Non-traditional Entity"? *

Yes

No

"Non-traditional entity" means an entity (construed in its broadest sense to include qualified large and small businesses, universities, non-profits, philanthropic organizations, partnerships, joint ventures, and other entity forms) that is not currently performing and has not performed, for at least the three-year period preceding the solicitation of sources by NSF for the procurement or arrangement, under any NSF procurement contract or NSF instrument of financial assistance.



Full Proposal Submission Form *(Continued)*

POC Information

Technical POC Name*

First Name

Last Name

Job Title*

Technical POC Email*

Technical POC Phone*

Is the Contracts POC the same as the Technical POC?

Yes

No



Full Proposal Submission Form *(Continued)*

Submission

Proposal Title *

Proposal Submittal

- I prefer to upload the proposal to this form (attachments will be unencrypted)
- I prefer to send the proposal via encrypted email to adc-contracts@ati.org (may be done before or after submitting this form)

Volume I: Technical Proposal Upload

[Choose File](#) [Remove File](#) No File Chosen

File names must not contain spaces or special characters

Volume II: Cost Proposal Upload

[Choose File](#) [Remove File](#) No File Chosen

File names must not contain spaces or special characters

Additional Comments



Full Proposal Evaluation Criteria

The criteria are listed in order of relative importance.

- **Technical**

- Approach: The degree to which the proposed project:
 - (i) meets the objectives outlined in (RFS) Attachment 1
 - (ii) will result in or lead to a replicable framework that can be used to address similar issues
 - (iii) demonstrates innovation
 - (iv) informs strategic priorities of the NSDS
- Teaming: The degree to which the proposed project includes a diverse team of qualified performers to include use of non-traditional entities.



Full Proposal Evaluation Criteria *(Continued)*

- **Cost**

- The CMF will perform an analysis and will provide the results to the Government; may entail the CMF requesting additional information from the Offeror.
- The Government will determine whether the Offeror's total evaluated cost/price is fair and reasonable.



Timeline

	Dates
Request for Solutions Release	June 12
Webinar	June 20
Teaming Speed Networking Event (<i>next slide</i>)	June 21
Full Proposal Deadline	July 10, 3 PM ET
Offeror Notifications	July - August
Award Projects	August - September

Any deadline updates will be communicated via email.



Teaming Resources

- **Teaming Speed Networking Event on June 21 11 AM ET**
- The event aims to help organizations find potential partners for this RFS. Each presenting organization will have a maximum of three minutes to highlight its capabilities and specify if they are looking to serve as a prime contractor, subcontractor, or either.
- Visit the “Events” page to learn more and to register for the event!

<https://www.americasdatahub.org/events/>



Teaming Resources (continued)

- ADC Member Profile Database*
 - Searchable by member demographics and capabilities, includes POC info for each member.
- Need a teaming partner outside of ADC or other resources?
 - Email ati@govmates.com with who you are looking for.
 - More information is available at govmates.com/ati.

*Requires access to Members Only website. Request access [here](#).

Not a member, but want to access these resources? [Join today](#) — it's free!



Stay Engaged

✉ Solicitation and Contract Related Questions: ADC-Contracts@ati.org

✉ General/Membership Questions: adc@ati.org

✉ Join the ADC Mailing List: <https://www.americasdatahub.org/adc-mailing-request-form/>

Visit the ADC Website

Stay in the loop with ADC events, solicitations, project awards, news, members, and more!

www.americasdatahub.org



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Questions?



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