U.S. Geological Survey

Notice of Funding Opportunity

The State Component of the National Cooperative Geologic Mapping Program

Funding Opportunity Number

G27AS00148

Table of Contents

BASIC INFORMATION 1
ELIGIBILITY 3
Cost Sharing Requirement 4
GET READY TO APPLY 5
Required System Registrations 5
PROGRAM OVERVIEW 6
Program Goals 6
Program Description 7
Legislative Authority 7
Type of Award 8
PREPARE YOUR APPLICATION 8
Application Content and Format 8
Application Documents 10
SUBMISSION REQUIREMENTS AND DEADLINES 17
Address to Request Application Package 17
Submission Dates and Times 17
Submission Instructions 17
APPLICATION REVIEW INFORMATION 18
Eligibility Review 18
Merit Review 19
Review and Selection Process 20
Risk Review 21
AWARD NOTICES 21
POST AWARD REQUIREMENTS AND ADMINISTRATION 21
Administration and National Policy Requirements 21
Reporting 23

BASIC INFORMATION

Announcement Type: Initial

Funding Opportunity Number: G27AS00148

Assistance Listing Number(s): 15.810

Estimated Total Program Funding: $15,000,000

Expected Number of Awards: 45

Award Ceiling: $800,000

Award Floor: $1,000

Funds for each award will be determined on the basis of an anonymous Proposal Evaluation Panel that consists of four State Geologists and three U.S. Geological Survey (USGS) Research Geologists. Panel members will evaluate and score proposals following the Evaluation Criteria provided. A proposal may be determined ineligible for award consideration if it violates any of the requirements of this Notice of Funding Opportunity.

Cost Sharing Required?
Yes

Closing Date Explanation
*Electronically submitted applications must be submitted no later than 5:00 PM, ET, on the listed application due date.

OMB Control Number: 1028-0088

Have Questions?
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Executive Summary

The primary objective of the STATEMAP component of the National Cooperative Geologic Mapping Program (NCGMP) is to establish the geologic framework of areas determined to be vital to the economic, social, or scientific welfare of individual states and the nation. The state Geologist/Survey Director/Chief Scientist (or similar position) shall determine mapping priorities in consultation with a multidiscipline State Mapping Advisory Committee (SMAC). These priorities shall be determined on the basis of: (1) state requirements for geologic map information in areas of multiple issue need or areas of compelling single-issue need, and (2) state requirements for geologic map information in areas where mapping is required to solve critical earth science problems. Priorities are **not** dependent on past agreements with the U.S. Geological Survey (USGS).

STATEMAP, mandated by Public Law 102-285 ("National Geologic Mapping Act of 1992") and subsequent revisions, fulfills the NCGMP mission by generating new two-dimensional (2D) and three-dimensional (3D) geologic maps and map databases for contribution to the National Geologic Map Database (NGMDB). STATEMAP directly supports Executive Order (EO) 14154 ("Unleashing American Energy") and Secretarial Orders 3417 ("Addressing the National Energy Emergency") and 3418 ("Unleashing American Energy"), and 3436 ("Unlocking Critical and Strategic Minerals from Mine Waste, Cutting Red Tape, and Restoring American Dominance in Strategic Mineral Production") which call for the USGS to "prioritize efforts to accelerate the ongoing, detailed geologic mapping of the United States" and increase "public availability of data and maps of mine waste." The geologic mapping supported by STATEMAP provides foundational, standardized geologic information (i.e., data) necessary to manage land and water resources of the U.S., discover and assess energy and mineral resources (including critical and rare earth minerals), understand and mitigate natural hazards, support economic development, and inform national security decisions. STATEMAP mapping efforts also support the development of modern infrastructure, including highways, bridges, and pipelines in almost every state, by providing information necessary for land-use planning, as well as information on aggregate resources and building materials.

ELIGIBILITY

Eligible Applicants

Others (see text field entitled "Additional Information on Eligibility" for clarification)

Additional Information on Eligibility

- STATEMAP eligibility is limited to State Geological Surveys pursuant to the National Geologic Mapping Act of 1992 (and subsequent revisions). For State Geological Surveys that are organized within a state university system, those universities may submit a proposal on behalf of the State Geological Surveys.
- To qualify for STATEMAP funding, a State Geological Survey must have a State Mapping Advisory Committee (or equivalent) that meets at least annually. This committee shall advise the State Geological Survey on geologic mapping priorities within the state.
- State Geological Surveys must commit to match 1:1 of the total direct costs and may request no more than 18% of federal indirect costs.
- To qualify for Fiscal Year (FY) 2027 STATEMAP funding, a State Geological Survey previously funded under STATEMAP must have met all requirements pertinent to

previous STATEMAP awards and fulfilled previously funded deliverables in accordance with NCGMP-approved proposal revisions and submission guidelines.

- Failure to meet previous award requirements will be grounds for ineligibility or penalty in the review process; see Attachment H, Section E.1, DOI Financial Assistance Award General Terms and Conditions, A.3 (reference to *2 CFR 200.339* through *200.343* "*Remedies for Noncompliance*").

Cost Sharing Requirement

Cost Sharing Required?

Yes

STATEMAP is required by statute (Public Law 117-58, Sec. 40202: "*National Cooperative Geologic Mapping Program*") to be carried out on a 1:1 matching funds basis. Each recipient must match each federal dollar with a non-federal dollar (direct and indirect costs). At submission, applicants attest to the availability of the proposed matching funds provided in their application; however, the NCGMP may allow applicants to decrease their match amount during the revisions process to align with the revised federal award amount. Award modification is not allowed to reduce match amount. Proposing overmatch is permitted; however, a higher match does not increase chances of receiving an award. Federal regulations prohibit the matching of federal funds with other federal funds.

The following is a summary of what is required regarding the 1:1 match requirement:

i. A 1:1 federal/state match is required for TOTAL DIRECT CHARGES on the entire proposal budget (all projects combined)
ii. A 1:1 federal/state match is required for the GRAND TOTAL (this includes direct costs and indirect cost – all projects combined)

Regardless of the State Geological Survey's federally negotiated indirect cost rate, an applicant may request no more than 18% on the federal indirect cost line. Applicants may use up to 18% of their total direct costs as match on the state's indirect cost line. If a state chooses (or is required) to show a higher than 18% rate on the state indirect cost line, then these excess funds can be listed under "*uncollected indirect costs*" on the state side. The result will be a greater state budget total than the federal budget total; **however, "*uncollected indirect costs*" cannot be claimed as part of the required 1:1 state match**. If the state approved rate is less than 18%, then the approved rate must be used. The same rules apply regarding the 18% cap for indirect costs on the federal side for all sub-awards.

The non-federal share (i.e., applicant match) may be contributions of services or funds provided to contractors to perform services directly applicable to proposed work on the project. **The specific source(s) of the state contribution, such as state legislative appropriation, must be stated in the proposal.** The 1:1 ratio does not prevent states from securing additional funds from other tax-supported entities to increase the amount of work that is accomplished in a region. The NCGMP encourages multiple partnerships because they enhance the production of geologic maps. **A letter or item of evidence should be included with the proposal to support non-State Survey funds or any in-kind (i.e., volunteer) contributions.** Federal regulations prohibit the matching of Federal funds with other Federal funds. Third-party funding arrangements, although encouraged, should be viewed as adding additional activities that are accounted for separately from the federal-state matching funds agreement.

Non-State Survey "appropriate" state cost share requires the following three standard supporting documents:

- a letter or other official document from the proposed source of the non-State Survey cost share that clearly communicates a commitment to the cost share and, as specifically as possible, identifies the exact nature of the share (e.g., timing, dollars, equipment, services, personnel, etc.);
- specific information in the Strategy for Performing the Geologic Mapping section linking the non-State Survey cost share directly and convincingly to the proposed geologic mapping activities;
- specific information in the budget materials showing how the non-State Survey cost share will match Federal dollars, category-by-category, in sufficient detail to corroborate the descriptive material in the Strategy Section.

Actual or apparent costs caused by the required indirect (overhead) rate (18% total costs) being less than the State Survey's negotiated cost agreement are NOT a permissible cost share contribution.

Non-allowable match sources:

Equipment. Federal STATEMAP funds may **not be used** for the purchase of computer hardware, GPS, or vehicles, nor can these expenses be used as matching costs for federal funds.

University or College Tuition. Federal STATEMAP funds may **not be used** to pay university or college tuition, nor can student university or college tuition be used as a matching cost for Federal funds. However, course fees are allowable expenses (e.g., ESRI GIS course, R Software training, etc.) so long as their purpose is justified in the context of the proposed work.

Computer maintenance. Routine computer maintenance contracts and charges for computer time may **not be used as match**.

Printing. Federal STATEMAP funds may **not be used** for state printing of multicolored or quality black-and-white versions of geologic maps, nor can the cost to a state for such printing be used as a matching cost for federal funds.

Vacant Positions. Unfilled (i.e., vacant at time of proposal submission) positions may not be used as match.

GET READY TO APPLY

Required System Registrations

Unique Entity Identifier and SAM.gov Registration

Before applying, all **applicants** except individuals applying as a natural person **must be registered in SAM.gov**. During the SAM.gov registration the entity will obtain their Unique Entity Identifier (UEI).

The SAM.gov registration process can take several months. If your organization is not already registered in SAM.gov, begin the registration process as soon as possible.

To register in SAM.gov, go to the SAM.gov website and use the available resources to complete registration.

- **Financial assistance registrants** must review and certify compliance with the SAM.gov "Financial Assistance General Representations and Certifications".
- **Already registered?** You already have a Unique Entity ID. Before applying, check that your "Financial Assistance General Representations and Certifications" on SAM.gov is complete. Remember to renew your registration every year to keep it active while you have an award or application in progress. You can update your registration whenever you need, including during renewal.
- **Need help?** For additional information and contact information on the SAM.gov Help page.

GRANTS.GOV

This program accepts applications through Grants.gov so once you receive your UEI return to Grants.gov to register with Grants.gov. Please allow 30 days to register and set up a Workspace in Grants.gov. See Submission Instructions section below for additional details.

PROGRAM OVERVIEW

Program Goals

- To establish a coordinated program that prioritizes the geologic mapping requirements of the Nation and to increase production of geologic maps, the 102nd Congress passed the National Geologic Mapping Act (Public Law 102-285), hereafter referred to as "the Act." Signed into law in 1992, the Act created the USGS NCGMP. The Act recognizes that geologic maps are the primary base for virtually all applied and basic earth-science investigations.

  The objectives of NCGMP, as outlined in the Act, are to:

  1. Determine the Nation's geologic framework through the systematic development of geologic maps.

  2. Submit aforementioned maps to the National Geologic Map Database (NGMDB).

  3. Develop complementary national databases that provide value-added information to the NGMDB.

  4. Apply cost-effective mapping techniques that assemble and disseminate geologic map information, and that render such information of greater application and benefit to the public.

  5. Develop public awareness of the role and application of geologic map information to the resolution of national issues of land use management.

  As described in the Act, STATEMAP mapping priorities (1) shall be determined by State panels representing a broad range of users of geologic maps; and (2) shall be based on

  a) State requirements of geologic map information in areas of multiple-issue need or areas of compelling single-issue needs; and

  b) State requirements for geologic map information in areas where mapping is required to solve critical earth science problems.

In contrast, the Act specifies that mapping priorities of the Federal component (FEDMAP) shall be based on (1) National requirements for geologic map information in areas of multiple-issue need or areas of compelling single-issue need; (2) National requirements for geologic map information in areas where mapping is required to solve critical earth-science problems; and (3) The needs of land management agencies of the Department of the Interior. Therefore, STATEMAP applicants should consult the NCGMP Mapping in Progress (MIP) website and coordinate as needed with the associated contact to ensure their proposed work does not overlap or conflict with on-going mapping by other NCGMP Components (i.e., FEDMAP and EDMAP).

To fulfill the objectives of the Act, while supporting the contemporary geologic mapping needs of the nation, the NCGMP provides funds for geologic mapping and 3D geologic models at scales ranging primarily from 1:24,000 to 1:500,000. For the purposes of STATEMAP and FEDMAP, the NCGMP defines a "detailed map" as a map at a scale ranging from 1:24,000 to 1:63,360 and a "regional map" as a map at a scale ranging from 1:250,000 to 1:500,000. The NCGMP defines an "intermediate map" as a map at a scale that is between the scale of a "detailed map" and the scale of a "regional map," as defined herein. Such work supports the mission of the NCGMP to characterize, interpret, and disseminate a national geologic framework model of the Nation through geologic mapping and associated research. Resulting data are also intended to support the responsible use of land, water, energy, and minerals, and to mitigate; the impact of geologic hazards on society, thereby facilitating economic growth and enhanced national security through informed earth resource management.

Program Description

STATEMAP is a partnership between the USGS, the Association of American State Geologists (AASG), and State Geological Surveys. This partnership is essential because no single entity has the capacity to meet all current and future needs for detailed geologic maps. STATEMAP provides State Geological Surveys with funds (matched 1:1 by the receiving State Survey) to enable new geologic mapping projects in their state for the public good. STATEMAP cooperative agreements support the ability of State Geological Surveys to meet their geologic mapping goals, and to work collaboratively with neighboring states and the USGS to address issues of regional-to-national concern. STATEMAP funding also helps to maintain strong geologic mapping programs and a steady workforce at geological surveys across the Nation.

Many STATEMAP projects include lands of American Indian Tribes, Alaska Native Tribes, and Alaska Native Corporations (hereafter referred to as Tribal Nations). The NCGMP supports the fulfillment of the federal trust responsibility to Tribal Nations by recognizing their sovereignty and responding to the science needs expressed by Tribal communities. The NCGMP works closely with state partners to ensure that Tribal Nations are appropriately notified of NCGMP supported geologic mapping activities inclusive of Tribal Nation land.

Legislative Authority

Public Law 102-285, the National Geologic Mapping Act of 1992, subsequent revisions, and its most recent reauthorization Public Law 117-58, the Infrastructure Investment and Jobs Act.

Type of Award

Projects will be funded through CA (Cooperative Agreement).

Recipient should expect the Federal agency to have substantial involvement in the project.

NCGMP will monitor progress towards fulfilling deliverables at the end of the period of performance. NCGMP will review and approve any award modifications, has the authority to direct or redirect recipient work at any stage in the process, and may immediately halt work if the recipient fails to meet agreement objectives. NCGMP will review and approve submitted deliverables to ensure compliance with CA terms and conditions.

PREPARE YOUR APPLICATION

Application Content and Format

Pre-Application Requirements

Prior to applying, applicants should review presidential actions found at: https://www.whitehouse.gov/presidential-actions/ and DOI Secretary's Orders found at: https://www.doi.gov/document-library/secretary-order. By applying in response to this Notice of Funding Opportunity, the applicant certifies awareness and compliance with all currently effective and applicable executive orders and secretary's orders, including but not limited to the Executive Order titled Ending Radical and Wasteful Government DEI Programs and Preferencing as well as the Executive Order and Secretary's order titled Restoring Truth and Sanity to American History. Applicants are responsible for ensuring their proposed activities are consistent with the intent and requirements of these directives.

A State Geological Survey may submit one STATEMAP proposal each FY. Proposed deliverables must not have been previously funded by a federal award and each deliverable is due to the NCGMP (either in a preliminary or final version) within 90 days of the Project Period end date. All geologic map deliverables should be finalized, published, and uploaded to the NGMDB within 12-months of the delivery date. Proposals may contain any number of projects.

Each proposed project should:

- be clearly defined and justified;
- be organized around a credible issue or area to be mapped;
- clearly delineate each proposed deliverable (with format and scale as appropriate);
- adhere to the STATEMAP Guidance Criteria listed below.

Please note: project names cannot be modified in GrantSolutions after submission so please refrain from naming projects with specific numbers or names of deliverables (e.g., "Three maps in Brevard County" or "Mapping the Naples, Fort Myers, and Orlando quadrangles"), Instead, select a project description such as "Mapping in Brevard County" or "Geologic mapping in Central Florida," Projects may contain one or multiple quadrangles and (or) specific areas of interest outside of a traditional quadrangle (i.e., mapping areas can be irregular polygons).

Funds cannot be requested for work previously funded under a STATEMAP or any other federal award, including Geographic Information System (GIS) and other geospatial data (see Geospatial Data Act). Some work related to geologic mapping may be more appropriate under other federal financial assistance opportunities such as the National Geological and Geophysical Data

Preservation Program (NGGDPP) or Earth Mapping Resources Initiative (Earth MRI). Specific examples include (1) stand-alone map digitization projects or State Geological Survey website updates which fall under the purview of the NGGDPP; and (2) the collection or compilation of datasets (e.g., geophysical, geochronological, or geochemical data) which may be more appropriate for Earth MRI funding, if these data are not specific to the purpose of geologic mapping. States may request funding to conduct multiple projects that include any combination of work outlined in the following Guidance Criteria:

Guidance Criterion 1

Create and submit new geologic maps at detailed to regional scale (1:24,000 to 1:500,000). Draft geologic maps must be submitted as Portable Document Format (PDF) files, along with supporting GIS data submitted in compliance with the Geologic Map Schema (GeMS) standard (see DOI 10.3133/tm11B10). Completion and (or) publication of unfinished, non-STATEMAP funded maps (e.g., previous unpublished EDMAP projects) may be conducted under this Guidance Criterion if the explicit activities required to complete this work are appropriately outlined in the proposal (e.g., map digitization, field work, peer review).

Guidance Criterion 2

Create and submit new, detailed to regional scale (1:24,000 to 1:500,000) derivative maps, along with geospatial data submitted in GeMS format where applicable, that augment new mapping or previously produced, not superseded geologic maps. This work may be done only if the derivative map provides additional value to a significant geologic problem. In all cases, the purpose of the derivative product should be adequately explained and the geologic map(s) on which it is based should be clearly identified. Examples of derivative maps include energy and mineral resource, land-use planning, geologic hazard, and aggregate resource maps.

Guidance Criterion 3

Create and submit new and (or) improved geologic map compilations at 1:24,000 to 1:500,000 scale. Compilations must be GeMS-compliant, internally reconciled, accompanied by a description of how the compilation was constructed, and include either a suitable map graphic or a full cartographic product. States may also request funds to update their portion of the USGS Cooperative National Geologic Map (CNGM). CNGM updates may be any scale or map type (Quaternary, bedrock, etc.), provided they cover the entire state, and may include anything from a new state geologic map to revisions of an existing statewide GeMS database (the current CNGM-formatted source data for each state is available upon request). Funds for necessary field-checking to reconcile conflicts in geologic mapping may be requested (if justified) to support the compilation process.

Guidance Criterion 4

Create and submit a new geologic map at 1:24,000 scale of a 7.5-minute quadrangle with abandoned mine land or other land containing mine waste where multiple critical minerals and (or) metal commodities are anticipated to be present (rather than single mineral resources). The current list of critical minerals can be found here: 2025 List of Critical Minerals. Draft geologic maps must be submitted as PDF files, along with supporting geospatial data submitted as GeMS-compliant databases.

Guidance Criterion 5

Create and submit new subsurface geologic data based on previously published non-digital subsurface maps (e.g., the digitization of structure contour and isopach data) and (or) based on new subsurface mapping or 3D modeling. Acceptable subsurface geologic maps or models should focus on elevation/depth and (or) thickness of one or more units of regional significance. Subsurface maps or models should be at scales ranging from 1:24,000 to 1:500,000.

The NCGMP is evaluating a guideline for the repositing and exchange of subsurface data (see Subsurface 3D Schema) however, deliverables are not required to adhere to this format. Funds may be requested for related training and (or) workshops.

Guidance Criterion 6

Convert relevant, previously published paper or digital maps to citable GeMS-compliant databases. Maps should be at scales ranging from 1:24,000 to 1:500,000. To be eligible, source maps must have an NGMDB Product Description Page (PDP) with the PDP URL provided in the proposal. Funds may be requested for related training and (or) workshops.

Guidance Criterion 7

Update the stratigraphic chart for an entire state or for regions of significance within a state and (or) develop a statewide or regional stratigraphic lexicon. Deliverables should be coordinated with NGMDB Geologic Names Lexicon (Geolex) staff. Funds may be requested for related training and (or) workshops.

Guidance Criterion 8

Develop coordinated, parallel projects in collaboration with neighboring states to address any of the above Guidance Criteria. Funds may be used to coordinate and attend working group meetings and (or) workshops related to proposed collaborative work. The intention to propose this work must be stated in the proposals for each state involved.

Guidance Criterion 9

Create and submit digital geologic map information for state geoheritage sites. Proposed sites must not yet exist in Geoheritage Explorer and reasoning for designation as a geoheritage site and societal significance must be described in the proposal. Data for each site must be submitted as geospatial data with attribute details related to its scientific, educational, cultural, economic, and (or) aesthetic features. The development of an accompanying StoryMap (or similar product) is allowable. Sites and related features on private land (e.g., Tribal Nation land) may be included only with written permission from the respective landowner(s). StoryMap and geospatial file templates will be provided.

A total proposal request may not exceed $800,000. Proposed projects may include any combination of the Guidance Criteria listed above.

Application Documents

Applicants must submit the following forms with their application as specified below. Instructions for accessing and submitting application forms are provided in the Submission Instructions section of this document below. For instructions on completing form fields, see the form instructions on the Grants.gov Forms Repository.

Forms/Assurances/Certifications	Submission Requirement
SF-424, Application for Federal Assistance Note: For applicants requesting more than $100,000 in Federal funds, the Authorized Representative's signature (or electronic equivalent) on the Application for Federal Assistance form also represents their certification of the statements in Appendix A to 43 CFR 18-Certification Regarding Lobbying	Required from all applicants
SF-424A, Budget Information – Non-Construction Programs	Required for non-construction projects
Project Abstract Summary (OMB 4040-0019). Must include, in plain language: • Award purpose, • Activities to be performed, • Expected deliverables or outcomes, • Intended beneficiaries, • Subrecipient activities (if known or specified at time of award)	Required from all applicants
DOI Research and Development (R&D) – Current and Pending (Other) Support Note: This form is available on the DOI website. Applicants must download the form and include the completed form as an application attachment.	Required for research projects.
DOI Research and Development (R&D) – Biographical Sketch Note: This form is available on the DOI website. Applicants must download the form and include the completed form as an application attachment.	Required for research projects.

Project Narrative

Proposals must be arranged according to the section/document order provided below and submitted as one PDF file. Some elements of the proposal are "optional" if submitting a proposal with a request less than $150,000. Additionally, there are imposed page limits for some proposal sections and required items. Page-limited sections/items are annotated with **.

Standard Form 424. Application for Federal Assistance **(mandatory form provided in grants.gov).** The person who electronically submits the SF-424 must have the authority to bind the state to the terms of the assistance award.

Standard Form 424A. Budget Information – Non-Construction Programs **(mandatory form provided in grants.gov).**

Standard Form 424B. Assurances–Non-construction Programs **(mandatory form provided in grants.gov).**

Negotiated Rate Agreement/Indirect Cost Rate Agreement. Most states and universities have a rate agreement, which is usually titled "State and Local Rate Agreement" or "Colleges and Universities Rate Agreement." A copy of the state or university negotiated indirect cost rate agreement is required if requesting federal funding for indirect costs. Per the program authority for STATEMAP, indirect costs are capped 18%. Please note that in the absence of a negotiated indirect cost rate agreement, the maximum indirect rate that may be charged is the *de minimus* rate (see 2 CFR 200.414(f)).

**Project Abstract Summary. See above for basic instructions on OMB 4040-0019. Each Project Abstract Summary must also include the proposed project(s) title(s) and proposed period of performance start and end dates. Limit one page and less than 4,000 words.

DOI Research and Development (R&D) – Current and Pending (Other) Support. See table on preceding page for details.

DOI R&D – Biographical Sketch. See table on preceding page for details.

**Letter from the Chair of State Mapping Advisory Committee (SMAC). Signed letter from the SMAC Chair that discusses state mapping priorities, long-term mapping plan, the process used by the SMAC to prioritize proposed geologic mapping projects, and how the proposed mapping fits into the long-term mapping plans for the state. The letter should also include the SMAC meeting date and a list of committee members who attended the meeting (including their affiliations, expertise, and voting status for the meeting). Virtual attendance is allowable. Voting SMAC members for a given state cannot be listed as personnel on any of the STATEMAP projects proposed by that state. Limit four pages (not including member list).

STATEMAP Proposal Summary Sheet. A detailed summary sheet that includes all information listed on Attachment A. Include funding amounts requested and matched for each project. List all proposed deliverables and indicate, by deliverable, if the footprint overlaps Tribal Nation or federal land and verification of GeoPlatform.gov search.

**Statement of Outcome Letter. A one-page letter from an external organization or person that used a STATEMAP publication from the proposing state. The letter must include a bibliographic citation for the STATEMAP product, clearly describe how this product was applied, and the value of its use (optional for proposals under $150,000). Limit one page.

Table of Contents.

**Proposal Technical Section. The technical section of the proposal is limited to 25 single space pages, with font size no smaller than 11-point, and 1-inch margins. For proposals requesting less than $150,000, the technical section is limited to 10 pages. The use of tables and charts is suggested for improved clarity and conciseness. Figures must be labeled, of high quality, and easy to read. References are not included in the 25-page limit.

- Introduction. Outline the relevance of the proposed projects to the state long-range geologic mapping plan while providing a clear and concise overview of project objectives with related societal benefit and science outcomes. Include a Project Summary Table delineating the proposed work by project indicating deliverables, alignment with priorities, societal relevance, and scientific problems to be addressed (see Attachment F).

- Location and Geologic Setting. Provide a clear, readable map (with scale) showing the location of each project area. A separate generalized geologic map of the state may also be helpful. If the spatial footprint of the proposed project area overlaps federal or Tribal Nation land (including ceded territory), then the respective land area or boundary (e.g., National Park, Tribal Reservation, Treaty boundary, etc.) must be depicted on the respective map (see Bureau of Indian Affairs Land Viewer and Great Lakes Ceded Territory for Tribal Nation land areas and Mapping in Progress for current FEDMAP mapping locations and contact information). Applicants are encouraged to use primarily figures for this section.
- Purpose and Justification. Provide the following information: why the work is being proposed, alignment with priorities, intended customers and (or) societal need, and fundamental scientific contributions. If existing geologic maps of nearby areas have been used by local, state, or federal agencies in making decisions, then reporting on these outcomes is encouraged.
- Strategy for Performing Geologic Mapping. Describe how geologic mapping or other activities will be accomplished, who will be mapping (where and for how long), and details about how the geologic mapping will be accomplished. If drilling, sample collection, and (or) analytic are proposed, include a justification as to why these activities support the mapping strategy and how they are relevant to the intended outcomes. Include a justification for all higher-cost activities (e.g., helicopter support, contracted drill-work, etc.). If a project is part of a multiyear effort, summarize what will be completed each year. Note, projects spanning multiple funding FYs should include the strategy for the entire project lifespan though promised deliverables in future funding years are not assessed by the proposal evaluation panel (i.e., project deliverables for this proposal/portion of the work must stand alone in terms justified need, scientific contribution, and appropriate deliverable outcome). This section should be consistent with the budget justification and budget itemization sections. If proposed project area overlaps Tribal Nation and (or) federal land, then applicable coordination with the respective Tribe and (or) FEDMAP counterparts should be described, including details on requisite permissions associated with planned activities. Description of fieldwork should clearly indicate efficient and safe field practices.
- Preliminary Results and Prior Work. Include a summary of findings or outcomes of prior work in the proposed study area, including non-STATEMAP work. This summary should include prior STATEMAP work and the current state of science and mapping in the proposed study area (optional for proposals under $150,000).
- Deliverable Geologic Maps and Other Products. Provide an explicit list of geologic maps, GeMS databases, and other products that will be delivered after the end of the period of performance. Note that a Transmittal Letter, Final Report, and STATEMAP State Fact Sheet are required deliverables for every STATEMAP award. If delivering a partial quad, indicate exactly which section of the quad will be mapped and delivered. It is recognized that some deliverables may be in preliminary or in review but final, published geologic map deliverables must be submitted to the NCGMP and entered into the NGMDB Catalog no later than one year after the deliverable due date**.** All delivered products and supporting data must align with the work funded according to approved proposal revisions (i.e., if collecting new geochemical or geochronological data to produce a funded deliverable, these data must accompany the deliverable).

- Project Personnel. Provide a table of staff information for each project. Briefly discuss the role of each person on the project with clear links to the budget and mapping strategy section. Provide a brief statement of background or vita for each person and indicate if they are State Geological Survey staff, contractor, or volunteer. Job titles (e.g., Geologist) may be used in lieu of employee names for unhired positions. This section should be presented as a table indicating, by individual, applicable projects role, and experience.

Budget Narrative
Applicants must describe and justify items and costs listed in their budget. The budget narrative must identify the following cost items: total estimated costs, non-Federal cost share, third-party contributions, and any pre-award costs. Total project cost is the sum of all allowable costs, including required and voluntary cost share and third-party contributions.

Budget items must be**:**

- Reasonable, allowable, allocable, and necessary
- Compliant with 2 CFR §200 Subpart E cost principles

Indirect Costs: Applicants must indicate in their budget narrative how they will charge indirect costs, including the rate to be applied:

- De Minimis Rate: If eligible, state if your organization is opting to use the de minimis rate of up to 15% of total modified direct costs. Entities that do not have a current Federal negotiated indirect cost rate (including provisional rate) may propose to use the de minimis rate. For more information, refer to 2 CFR 200.414(f).
- Negotiated Rate: State if you will negotiate with your cognizant agency. If your organization has previously negotiated a rate, attach a copy of the most recently negotiated rate agreement (active or expired).

This program has a mandated cap on indirect costs or approved rate deviation.

**USGS Data Management Plan. Include a supplementary Data Management Plan (DMP) describing how the planned data collection activities will conform to USGS policy on the dissemination and sharing of research results and associated data. A valid DMP may include only the statement that no detailed plan is needed (e.g., "No data are expected to be produced from this project"). An example DMP template is provided at Attachment E. Limit 2 pages (the DMP does not count towards the 25-page Technical Section limit).

Budget Sheets. **Each proposal must include one budget sheet for the entire proposal (see Attachment B) and one budget sheet for each project (see Attachment C).** If only one project is proposed, then only Attachment B (entire proposal budget sheet) is required. These attachments are provided as examples, but applicants may use their own budget sheet format with the same information. If proposing multiple projects, all items must be itemized on all budget sheets and not referenced among sheets (i.e., do not write, "see Project 1 for rate" or "Project 1 supplies" on entire budget sheet). The financial contribution from a State Geological Survey must be equal to or greater than the amount requested from the USGS and must be derived from non-federal sources. **All budget costs must be itemized and consistent with the strategy and budget justification sections.** If requesting or matching funds for an expensive

item (i.e., a significant proportion of requested funds), then provide clear details and justification. **Proposed budgets must not exceed a federal request of $800,000.**

Please read each category description below and provide a detailed breakdown required for each. This breakdown will help to avoid possible delays in processing a funded proposal. Awards will not be issued until all required information is provided.

The budgets shall contain the following:

a. **Personnel/Salaries.** List names and/or positions and the rate-of-compensation for each person. Salaries or wages for student assistants (both undergraduates and graduate students) are an acceptable cost. This list should only include personnel actively involved in the proposed projects. The portion of staff time involved in, for example, digitizing, reviewing, and producing maps can be charged here. If senior management personnel conduct some of this work, include an explanation of their role. Non-State Survey staff working on the project must be included if they are supported by other state funding (see below under cost share). The budget sheet must include the total time worked on the project(s) in units of months, weeks, days, or hours; rate-of-compensation in dollars per hour for hourly employees, salary per year, or salary per month; and job title or role for each person. Unfilled positions cannot not be claimed as a funding match.

b. **Fringe Benefits.** Propose fringe rates with a copy of an approved audit agreement and (or) the name of the audit agency if applicable. If the proposal requests fringe benefits and not indirect costs, provide an indirect cost rate agreement or show how fringe benefit rates are calculated.

c. **Travel.** Itemize estimated travel costs (i.e., number of people and travel days, per diem rate, mileage rate, airfare or other transportation, and any other travel costs).

   Conference/Workshop Travel - Travel expenses not to exceed $8,000 are allowable for staff to attend scientific conferences, workshops, or training relevant to the proposed work. Staff member(s) should be identified by name, along with a detailed breakdown for all costs related to the travel. Conference travel fund requests for contractors are prohibited and as are travel expenses for SMAC meetings. Note that registration fees do not count towards the $8,000 travel cap but should be reasonable, itemized and justified in the budget.

d. **Equipment.** Itemize equipment and associated costs for anything estimated at over $10,000 (see 2 CFR 200.439). Federal STATEMAP funds may not be used for the purchase of computer hardware, GPS systems, or vehicles. STATEMAP funds may, if necessary, be used for the purchase of software site licenses (e.g., software required for 3D modeling) that are used specifically for the completion of STATEMAP products, unless these costs are already covered in fringe benefits. Requests for software must include a copy of an up-to-date cost quote from the software company and prorated for STATEMAP use only.

   Supplies. List costs for office, field, and laboratory supplies, including base maps, aerial photographs, petrographic thin sections, and other office and laboratory supplies. Itemize by including the number and cost for each item. Do not list a lump sum for each category; a breakdown needs to be provided to show how the costs were determined.

Field tablets are an allowable supply expense if the price per unit does not exceed $10,000 and must include a cost quote.

e. **Contractual.** Identify proposed contractors (individual or corporate) and provide the criteria by which contractors will be or have been selected. Provide breakdown of all costs. Please note that student contractors are acceptable. Sub-awards should be listed as a single line item in the Contractual category. A separate budget sheet providing the same level of detail for each category as described in this section is required for each sub-award and should be attached with the main recipient's proposal.
f. **Other Direct Costs.** List any other direct costs such as drilling, geophysics, and analytical laboratory expenses (e.g., geochemistry, geochronology). Itemize the different types of costs not included elsewhere and explain each cost's applicability to the project.

   If utilizing datasets like Lidar or geophysics, then please show how this information will be used to enhance the proposed mapping or map product. If these datasets are used as match, verify that no federal funds were used to collect the data. Pro-rate the data cost for only the area required for proposed work.

g. **Total Direct Charges.** Total for items a-g. Total direct charges must have a 1:1 federal/proposed state match. Failure to comply will result in automatic ineligibility and the proposal will not be considered for further evaluation. The state match side may be greater, but it must meet the 1:1 match requirement.
h. **Indirect Charges.** Show proposed rate and amount. Proposals must include a copy of the negotiated indirect cost rate agreement. Be sure that indirect charges apply only to those direct cost items allowable under the negotiated cost rate agreement. Usually, sub-contract direct costs are either excluded from indirect charges, or there is a cap on the amount of subcontract costs eligible for indirect charges**.**

   NOTE: Public Law 117-58 requires that the USGS and recipients of STATEMAP cooperative agreements shall not use more than 15.25% of the federal funds to pay indirect, servicing, or program management charges (which is equivalent to 18% of total direct costs).

Bibliography for the NGMDB. Provide a detailed bibliography for all agency-published geologic maps, geoscience products, and reports published within the past two years. While the minimum requirement is to ensure timely submission of all STATEMAP-funded products to the NGMDB, agencies are encouraged to submit all geoscience publications, regardless of funding source, to ensure comprehensiveness of the national catalog. Provide the citation and the respective NGMDB PDP URL link for each publication; if an NGMDB link is not available, provide an explanation as to why it is omitted.

Conflict of Interest and Unresolved Matters Disclosures:

If any actual or potential conflict of interest exists related to this project at the time of application, the applicant must provide sufficient information to support a program determination of significance per 2 CFR 1402.112. Refer to 2 CFR 200.112 Conflict of Interest and 2 CFR 200.113.

Overlap or Duplication of Effort Statement:

Applicants must state in their application if the activities, costs, or time commitment of key personnel proposed in this application overlap with those in any other Federal proposal or award or not. If no overlap exists, include a statement to that effect. If any overlap exists, provide:

- Activities: Description any overlapping activities.
- Costs: Description of any overlapping costs.
- Time: Description of any overlapping key personnel time.
- A copy of any overlapping or duplicative proposal submitted to any other potential funding entity.
- Details on when any overlapping proposal was submitted, to whom, and the expected date of the funding decision.

Other Required Information
NA

SUBMISSION REQUIREMENTS AND DEADLINES

Address to Request Application Package

Applicants are held responsible for the proposal to be electronically submitted to GRANTS.GOV (www.grants.gov) by Wednesday, February 17, 2027 @ 5:00 PM, EST. Be advised that the process of electronic submission often takes several days and must be started well in advance of the due date. Applicants affiliated with a university should contact their Office of Sponsored Programs, which may already have completed the registration process and should work with the applicant to submit their proposal. **A proposal received after the closing date and time will not be considered for award.** If it is determined that a proposal cannot be considered due to late submission, then the applicant will be notified immediately.

Submission Dates and Times

Closing Date for Applications: 02/17/2027

Closing Date Explanation

*Electronically submitted applications must be submitted no later than 5:00 PM, ET, on the listed application due date.

Submission Instructions

Apply Through Grants.gov
To apply through Grants.gov, please follow the instructions in the Quick Start Guide for Applicants. Before applying, ensure that at least one person at your organization is registered and has the Authorized Organization Representative (AOR). Only the AOR can submit the application. If you need more users, they must create their own Grants.gov account. Follow these steps below to apply:

- *Create a Workspace*: Creating a workspace allows you to complete it online and route it through your organization for review before submitting.
- *Complete a Workspace*: Invite participants to the workspace so you can collaborate on the application. Required applications forms are included in the Grants.gov Funding

Opportunity Package and can be completed in the Workspace, unless noted otherwise in the Required Forms table above. Check for errors before submission.

- *Submit a Workspace*: An application may be submitted through workspace by clicking the Sign and Submit button on the Manage Workspace page, under the Forms tab
- *Track a Workspace Submission*: After successfully submitting a workspace application, a Grants.gov Tracking Number (GRANTXXXXXXXX) is automatically assigned to the application.

The system generates a date and time stamp and sends it to the applicant's AOR via email as proof of submission. Make sure your application passes the Grants.gov validation checks. Do not encrypt, zip, or password-protect any files. Only registered individuals in SAM as both a user and an AOR can submit applications. Please allow 30 days to register in Grants.gov.

Application System Technical Support: For Grants.gov technical registration and submission, downloading forms, and application packages, contact Grants.gov Customer Support at 1-800-518-4726 or by email at Support@grants.gov.

APPLICATION REVIEW INFORMATION

Eligibility Review

During the eligibility review, the application is checked for timely submission, completed packages (see Application Documents above) and alignment with the requirements of this announcement. The Federal agency may remove an application if it does not pass the eligibility review.

Initial Review

Prior to conducting the comprehensive merit review, an initial review will be performed to determine whether: (1) the applicant is eligible for an award; (2) the information required by the NOFO has been submitted; (3) all mandatory requirements of the NOFO are satisfied; (4) the proposed project is responsive to the program objectives of the NOFO (program determination); and (5) the proposed project is in compliance with all applicable executive and secretary orders, including the President's executive order on Ending Radical and Wasteful Government DEI Programs and Preferencing as well as the executive order and Secretary order on Restoring Truth and Sanity to American History.

If an applicant fails to meet the requirements or objectives of the NOFO, or does not provide sufficient information for review, the applicant will be considered non-responsive and eliminated from further review.

If an applicant selected for funding hasn't finished their SAM.gov registration (see 2 CFR 25.200 and 2 CFR 25.110) when the federal agency is ready to make an award, we may decide that the applicant is ineligible for the award and choose to grant it to someone else. Please refer 2 CFR 25.205 for more information.

Prior to making an award, the DOI checks the anticipated recipient and their key project personnel against the current list of prohibited or restricted persons or entities in the System for Award Management (SAM.gov) Exclusions database. We are prohibited from making an award if a recipient or any key personnel are found ineligible, prohibited, restricted, or otherwise

excluded from receiving or participating in an award, as their ineligibility condition applies to this program.

If removed from consideration for ineligibility, the Federal agency will notify the applicant in writing.

Merit Review

STATEMAP proposals will be merit reviewed by a seven-member peer panel during the Proposal Evaluation Process. This panel will consist of four State Geologists/Survey Directors/Chief Scientists (or similar position) selected by AASG and three USGS geologists representing different regions. The STATEMAP Administrative Officer and the STATEMAP Program Officer will select the three USGS panel members and serve as chairs during the panel. Each panelist is expected to serve a term of three years.

Evaluation Criteria. All proposals will be evaluated in accordance with the Merit Review Criteria listed below. The evaluated strength and quality of proposals will be considered in making funding decisions. Panel member conflicts of interest will be documented, and panelists will not review or score the respective proposal(s). Superfluous information in the proposal (e.g., additional letters of support other than the required Statement of Outcome or SMAC letter) will not be considered by the Proposal Evaluation Panel.

State Mapping Advisory Committee (SMAC) - *5 points*.

a. Is SMAC broad-based with appropriate disciplines (e.g., hazards, energy, hydrology)?
b. Is a letter from the committee chair included?
c. Does the letter explain state mapping priorities and the long-term mapping plan?
d. Are names, affiliations, expertise, and voting status listed for each SMAC member?

Purpose and Impact - *25 points*.

a. Does proposed work respond to state priorities and long-term mapping plan?
b. Is work responsive to societal or customer needs and does it result in relevant, new scientific contributions?
c. Does proposed work address federal priorities and goals of the National Geologic Mapping Act?
d. Are requisite details included for mapping that overlaps federal or Tribal Nation land?
e. Is a 'Statement of Outcome' provided (N/A for requests under $150K) and does it reflect that the applied STATEMAP product was a critical component of decision-making?

Technical Quality - *30 points*.

b. Is the proposed work clearly aligned to one or more STATEMAP Guidance Criteria?
c. Is the proposal well-written, in the required format?
d. Are the proposed objectives scientific and technically viable and sound?
e. Is the mapping strategy clear and appropriate?
f. Does proposed sampling and analytics align with the study design and desired outcomes?
g. Are deliverables feasible and appropriate for proposed work?

Budget - *20 points*.

a. Are employees listed by name/position, salary rate, and time/effort for each project?
b. Is proposed staffing sufficient to accomplish the proposed goals?
c. Are all field expenses, supplies, and other expenses itemized and reasonable?
d. Do all direct costs appear appropriate?
e. Are contract employees clearly distinguished from survey staff?

Map Publications and other STATEMAP Products - *20 points*.

a. Is the map of high quality and does it appropriately convey the geology of the area?
b. Were previous STATEMAP deliverables submitted on time?
c. Does the NGMDB bibliography reflect recent updates (within the past 24 months)?

The STATEMAP Program officer will select a recently published, STATEMAP-funded geologic map to represent the quality of work as an example for the STATEMAP Proposal Evaluation Panel. This map will be selected from the NGMDB catalog. Panel will access and review all related content (e.g., text pamphlets or reports) provided (or linked) on the NGMDB PDP.

Review and Selection Process

This program reviews proposed budgets to ensure:

- figures are correct
- estimated costs are necessary and reasonable and clearly linked to project narratives
- avoid obviously unallowable costs
- identify costs requiring prior approval
- ensure indirect cost rates are applied correctly
- confirm cost sharing requirements are reflected in the budget.

This program reviews applications for potential overlap or duplication between the proposed project and any other funded or proposed project. Depending on the circumstances, DOI may choose to not make an award.

The STATEMAP Proposal Evaluation Panel recommends a funding level for each submitted proposal through a systematic review and rating process that integrates all Merit Review Criteria. Each proposal receives a tabulated score between 0 and 100 (averaged across participating panel members without a conflict of interest). The final scores, which determine baseline State funding distributions relative to total available STATEMAP funds for the respective FY, are the primary determinant of the funding level for each applicant.

The Proposal Evaluation Panel and the NCGMP have the authority to suggest removal or elimination of specific proposed projects or deliverables if deemed out of scope for STATEMAP. Additionally, the Proposal Evaluation Panel may recommend a score of "0" if a proposal violates the requirements of this NOFO; however, final funding decisions are at the discretion of the NCGMP.

When STATEMAP funding decisions are finalized, each applicant will receive notice of funding decision. The funding decision will include available federal funding amount for the respective applicant, along with instructions for submitting proposal revisions to align with the adjusted award. Applicants should submit revisions as soon as possible, ideally 60 days prior to the

requested period of performance start date. If an applicant prefers not to submit revisions, they may opt out of participating in STATEMAP for the current funding cycle.

Applicants are expected to submit the following with STATEMAP proposal revisions:

- Revised form SF-424 (signed and dated)
- Revised STATEMAP Summary Sheet (Attachment A)
- Project Abstract Summary (if revised or previously omitted)
- Current and Pending (Other) Support Forms (if revised or previously omitted)
- Biographical Sketch Forms (if revised or previously omitted)
- Revised Budget Sheet(s) (Attachments B and C)
- Shapefiles for all deliverables, provided in a standard NCGMP template

Risk Review

Prior to making an award, the applicant will be assessed for their level of risk per 2 CFR 200.206. This assessment includes the applicant's financial management capabilities, project delivery experience, staffing resources, past award performance, administration and reporting compliance records, and overall project complexity and potential for challenges. If an award will be made, special conditions may be applied to the award corresponding to the assessed risk. For awards over the simplified acquisition threshold (currently $350,000), a review of the applicant's eligibility and financial integrity information in the applicant's SAM.gov records will also be performed per 2 CFR 200.206.

AWARD NOTICES

Notices of Federal Award are sent electronically via GrantSolutions or e-mail. These notices outline the terms, conditions, and payment instructions per 2 CFR 200.211. The Notice of Federal Award signed by an authorized Grants Officer is the legal instrument obligating financial assistance to a recipient. Any other prior notice is not an authorization to begin work. If the program allows pre-award costs per 2 CFR 200.458, beginning performance before receiving a Notice of Federal Award is at the applicant’s own risk.

Anticipated Project Start Date: 05/01/2027

Anticipated Project End Date: 04/30/2029

A period of performance for STATEMAP awards may be anywhere between 12 and 24 months.

Awards are expected to be issued on or before the requested period of performance start date, but no later than December 31, 2027.

POST AWARD REQUIREMENTS AND ADMINISTRATION

Administration and National Policy Requirements

For award administration and national policy requirements, see the DOI General Terms and Conditions. Infrastructure projects require the use of American iron, steel, manufacture products, and construction materials per 2 CFR 184.

See Attachment H for Special Terms and Conditions

Geospatial Data

If you receive financial assistance from the Department of the Interior (DOI), recipient must follow these rules for geospatial data:

Follow Federal Standards: All geospatial data you collect or create must meet the standards set by the Federal Geospatial Data Committee (FGDC) or the Department of the Interior. This is required by the Geospatial Data Act of 2018, which is part of Public Law 115-254, specifically in Subtitle F (Geospatial Data), sections 751-759C (codified at 43 U.S.C. §§ 2801–2811).

Include Metadata: Your Geographic Information Systems (GIS) files must include complete metadata. Metadata is information that describes the data, such as where it came from, how accurate it is, and how it should be used. This is to ensure that anyone using the data understands its context and quality.

Check for Existing Data: Before you start collecting new geospatial data, you need to check GeoPlatform.gov. This is to see if there is already existing geospatial data from federal, state, local, or private sources that can meet your needs and is available for free. If such data is available, you should use it instead of gathering new data.

These rules help ensure that geospatial data is reliable, high-quality, and that resources are used efficiently.

Deliverable Requirements

- All deliverables must be submitted to the NCGMP no later than 90 days after the end of the period of performance. Email statemap@usgs.gov for the most up-to-date upload instructions.
- Required deliverables, in addition to those agreed upon with revisions, include a Transmittal Letter, Final Report, and STATEMAP State Fact Sheet. The STATEMAP State Fact Sheet includes a map of the state outlining all previously performed STATEMAP projects, along with a summary of STATEMAP geologic mapping in table format including columns with fiscal year, project(s)/deliverable(s), and funding .
- All deliverables must be published **no later than** one year after the deliverable due date (typically 90 days following the end of the period of performance). Upon publication, geologic map deliverables must be submitted to the NGMDB.
- For awards with a period of performance between 18-24 months, a progress report will be due 12 months after the award start date.
- All GeMS databases must be submitted using the GeMS Upload Form on NGMDB Connect. Refer to GeMS guidelines for resources on preparing and submitting GeMS databases. GeMS submissions must be verified for compliance using NGMDB validation and geologic names checking scripts (see GeMS Submittal Requirements). The GeMS Submission Form (Attachment G) should accompany all GeMS deliverables. While there is no specific deliverable format for delivering 3D data, an informal guideline for the repositing and exchange of subsurface data (see Subsurface 3D Schema) can be used. If feasible, deliverables such as vector isopleths may be submitted in the GeMS schema, utilizing appropriate fields.

- At minimum, a geologic map deliverable should include: (1) a clear and legible base (include base map credit and map projection); (2) scale and contour interval; (3) north arrow and magnetic declination; (4) title, authorship, publisher, and date; (5) location index map; (6) field data or field data stations; (7) description of map units; (8) explanation of map symbols; (9) unit symbols on map; (10) GIS data submitted as a GeMS-compliant database. Although not required, a geologic map may also include correlation or sequence of map units, stratigraphic columns, cross sections, other down-hole or three-dimensional data, derivative maps, and text. Geologic maps in digital form also may contain a variety of point data for specific sites, essentially comprising a 3D database. Metadata must comply with the FGDC content standard. For cartographic elements, please use the Federal Geospatial Data Committee (FGDC) standard whenever feasible; GIS-ready implementations of this standard are available from the NGMDB standards page.
- GeMS databases and (or) compilations without a full cartographic product must be accompanied by a suitable map graphic submitted as a single graphics file that is less than 100 MB in size that legibly displays the essential features of the GIS data with a list or description of map units.
- During the preparation of each geologic map, compare stratigraphic nomenclature with that of Geolex. The GeMS geologic names checking script assists in identifying formal geologic names in Geolex which helps authors and the NGMDB in modifying nomenclature as needed. The spreadsheet produced by this script should be annotated by authors (e.g., relevant bibliographic citations for names that have been introduced, modified, or abandoned) and submitted with deliverables for Geolex consideration.

Reporting

The recipient's Notice of Award will detail all reporting requirements, including frequency, due dates, and instructions for requesting extensions. In general, but not limited to, recipients must:

- Submit Federal Financial reports and Program Performance reports.
- Use the Federal Financial Report (SF-425) form for financial reporting,
- Monitor award activities and report on program performance per 2 CFR 200.329,
- Promptly notify the awarding program in writing of any issues, delays, or conditions impairing award objectives per 2 CFR 200.329(e),
- Disclose any conflicts of interest related to their award that arise during the award period per 2 CFR 1402.112,
- Report on the status of real property acquired under the award in which the Federal government retains an interest per 2 CFR 200.330, and
- Report all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award per 2 CFR 200.113.
- Report any matters related to recipient integrity and performance to SAM.gov per Appendix XII to 2 CFR 200.
- If the Federal share of the award is more than $100,000 and the recipient makes or agrees to make any payment using non-appropriated funds for lobbying in connection to the award, disclose those activities using the Disclosure of Lobbying (SF-LLL) form per 43 CFR 18.100.

- Federal Funding Accountability and Transparency Act of 2006 (FFATA) and 2 CFR 170 requires certain recipients to report information on executive compensation, and information on all sub-awards, subcontracts and consortiums equal to or over $30,000 to SAM.gov.

Program-Specific Requirements:

- Requests for no-cost extensions shall be sent to the Senior Program Scientist for STATEMAP for consideration preferably no later than 30 days prior to the Award end date. After discussion with the STATEMAP Administrative Officer, the Grant Specialist/Contracting Officer will make a final decision on a case-by-case basis and notify the Recipient in writing.

Other Information

Funds for the NCGMP and in turn, STATEMAP awards, will not be available until enactment of the Department of the Interior Appropriations for a given FY. **It is anticipated that funding decisions will not be announced until after March 1, 2027, therefore proposed project start dates should not be prior to May 1, 2027. NOTE**: An award issued by the DOI Office of Grants Management is required for the state agency to obligate USGS funds. Notification of a successful proposal does not constitute authority to incur costs funded by USGS money. Costs may be incurred only after the receipt of an award issued electronically through GrantSolutions from the USGS.

Publication Requirements and Expectations

Publication or open-file release of the results of any project carried out under this assistance award is authorized in map or publication "series" of State Geological Surveys, so long as proprietary, sensitive, and/or protected data are not included in the publication. Publication includes conventional format in paper or electronic format as digital files. Maps or manuscripts submitted for publication to journals, professional organizations, or commercial firms shall be accompanied by the following notation:

"*This map and explanatory information (or manuscript) is submitted for publication with the understanding that the United States Government is authorized to reproduce and distribute reprints for Governmental purposes*."

Regarding data collected on or over Tribal Nation lands, related publications should be protected and sanitized as necessary to safeguard and prevent from release any data that a Tribal Nation has identified as proprietary or culturally sensitive. Data acquired concerning federally recognized Tribal Nation lands may not be published by a state or by USGS if a Tribal Nation deems the data/findings as sensitive or protected, and objects in writing to its public release. All other project area data outside of sensitive, protected information Tribal Nation land boundaries may be published. The USGS may use restricted data internally and/or provide a copy of the restricted data to federal agencies for their internal use.

Program Credit. All geologic maps and manuscripts resulting from any project carried out under this assistance award resulting wholly or in part from the cooperative agreement shall bear a cooperative statement in the map header, on the title page of an accompanying explanatory text, and in the acknowledgments that accompany the map or any resulting report/manuscript. This credit shall read:

"*This geologic map (or report) was funded in part by the USGS National Cooperative Geologic Mapping Program under STATEMAP award number GXXACXXXXX, 20XX*." [Include award number and year funded]

Disclaimer. All maps and explanatory text or reports submitted for publication by professional societies or commercial firms shall carry the following notation:

"*The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the opinions or policies of the U.S. Geological Survey. Mention of trade names or commercial products does not constitute their endorsement by the U.S. Geological Survey*."

Publication information (e.g., the citation and links to the publication) should be entered into the NGMDB Geoscience Map Catalog. Instructions regarding how to do this are found at the NGMDB "partners" page (http://ngmdb.usgs.gov/Info/partners.html). Grant recipients are also strongly encouraged to submit to the NGMDB this same information for all relevant maps and reports that are not STATEMAP-funded, in order to help the USGS and AASG address the vision for the NGMDB as written in the Act.

Other Information

NA

ATTACHMENT A
STATEMAP PROPOSAL SUMMARY SHEET

Name of State Geological Survey:
Principal Investigator(s) (person(s) we can call to ask questions if needed):
Name:
Address: Phone:
Email:

Project & Deliverable Details (itemize deliverable under each proposed project):

Project 1 Title: Guidance Criteria: Federal Request: State Match: *Deliverable: Includes federal land (Y/N): **Includes Tribal Nation land (Y/N): Present in Geoplatform (Y/N):		
Project 2 Title: Guidance Criteria: Federal Request: State Match: Deliverable 1: Includes federal land (Y/N): Includes Tribal Nation land* (Y/N): Present in Geoplatform (Y/N): Deliverable 2: Includes federal land (Y/N): Includes Tribal Nation land* (Y/N): Present in Geoplatform (Y/N):		
* *list each deliverable title with format and Y/N answers for <u>each</u> deliverable* ** if yes: 1) indicate name(s) of the Tribal Nation(s), 2) land area designator (e.g., reservation, village, pueblo, ceded territory), and 3) if physical access to this land is desired.		

Proposed Project Start Date:
Proposed Project End Date:
Total Federal Funds Requested: $
Total Matching Funds: $

ATTACHMENT B
BUDGET SHEET FOR ENTIRE PROPOSAL

State:
Proposal Short Title:

(Example provided in blue, please delete when using template)

Salary				
Personnel, Job Title	**Rate**	**Time or % effort**	**USGS Funds**	**Recipient Matching**
Jane Doe, State Geologist	$35/hour	360 hours	$6,300.00	$6,300.00
Total			**$**	**$**

Fringe			
Personnel, Job Title	**Fringe Rate**	**USGS Funds**	**Recipient Matching**
Jane Doe, State Geologist	40.20%	$0.00	$5,065.20
Total		**$**	**$**

Travel				
Expense	**Rate**	**Quantity**	**USGS Funds**	**Recipient Matching**
Lodging	$109/night	6 nights	$654.00	$0.00
Per diem				
Mileage				
Total			**$**	**$**

Supplies				
Expense	**Rate**	**Quantity**	**USGS Funds**	**Recipient Matching**
Thin Sections (not thin section analysis)	$25/each	70	$1000.00	$750.00
Field Notebooks				
Topographic Maps				
Sample Bags				

Total	**$**	**$**

Contracts				
Expense	**Rate**	**Quantity**	**USGS Funds**	**Recipient Matching**
* DC Geological Survey	--	--	$50,000.00	$0.00
Total			**$**	**$**

Sub-awards should be listed as a single line item in the "Contractual" category. A separate budget sheet is required for each subaward and should be attached with the main recipient's proposal.

Other Direct Costs				
Expense	**Rate**	**Quantity**	**USGS Funds**	**Recipient Matching**
Drilling	$1,300/day	5	$ 3,250.00	$ 3,250.00
Sample Analytics (name sample type)	$45/sample	10	$2,250.00	$2,250.00
Map Digitization				
Total			**$**	**$**

Direct/ Indirect Costs	**Rate**	**USGS Funds**	**Recipient Matching**
Total Direct Costs	--	$50,000.00	$50,000.00
Indirect Cost (not to exceed 18%)	18%	$9,000.00	$9,000.00
Total		**$59,000.00**	**$59,000.00**
Uncollected Indirect Costs (if applicable)		--	$9,000
Total Project Cost		**$127,000.00**	

ATTACHMENT C
BUDGET SHEET FOR EACH PROJECT

State:
Project Number and Title:
Proposal Short Title:

(Example provided in blue, please delete when using template)

Salary				
Personnel, Job Title	**Rate**	**Time or % effort**	**USGS Funds**	**Recipient Matching**
Jane Doe, State Geologist	$35/hour	360 hours	$6,300.00	$6,300.00
Total			**$**	**$**

Fringe			
Personnel, Job Title	**Fringe Rate**	**USGS Funds**	**Recipient Matching**
Jane Doe, State Geologist	40.20%	$0.00	$5,065.20
Total		**$**	**$**

Travel				
Expense	**Rate**	**Quantity**	**USGS Funds**	**Recipient Matching**
Lodging	$109/night	6 nights	$654.00	$0.00
Per diem				
Mileage				
Total			**$**	**$**

Supplies				
Expense	**Rate**	**Quantity**	**USGS Funds**	**Recipient Matching**
Thin Sections (not thin section analysis)	$25/each	70	$1000.00	$750.00
Field Notebooks				
Topographic Maps				
Sample Bags				

Total	**$**	**$**

Contracts				
Expense	**Rate**	**Quantity**	**USGS Funds**	**Recipient Matching**
* DC Geological Survey	--	--	$50,000.00	$0.00
Total			**$**	**$**

Sub-awards should be listed as a single line item in the "Contractual" category. A separate budget sheet is required for each subaward and should be attached with the main recipient's proposal.

Other Direct Costs				
Expense	**Rate**	**Quantity**	**USGS Funds**	**Recipient Matching**
Drilling	$1,300/day	5	$ 3,250.00	$ 3,250.00
Sample Analytics (name sample type)	$45/sample	10	$2,250.00	$2,250.00
Map Digitization				
Total			**$**	**$**

Direct/ Indirect Costs	**Rate**	**USGS Funds**	**Recipient Matching**
Total Direct Costs	--	$50,000.00	$50,000.00
Indirect Cost (not to exceed 18%)	18%	$9,000.00	$9,000.00
Total		**$59,000.00**	**$59,000.00**
Uncollected Indirect Costs (if applicable)		--	$9,000
Total Project Cost		**$127,000.00**	

ATTACHMENT D
PROPOSALS WITH TRIBAL IMPLICATIONS

STATEMAP Proposals that include land of American Indian Tribes, Alaska Native Tribes, and Alaska Native Corporations (collectively referred to as Tribal Nations) require Program Review to determine whether the project is subject to the NCGMP Tribal Nation Implications Assessment and Notification Process. Generally, this process is triggered if the answer to any of the following is "Yes":

- Does any portion of the proposal study area(s) include Tribal Nation land (this also refers to ceded territory and land areas with where Tribal Nations have reserved rights)?

- Will any of the products resulting from the work in the proposal (i.e., deliverables) include data collected on or over Tribal land (including interpolated data), regardless of when the data was collected, who it was collected by, or previous use/publication of the data?

- Is access to, or sampling on, any Tribal Nation land (including ceded territory and or areas with reserved rights) required to support the work in the proposal?

If the answer to any of the above questions is "Yes", the NCGMP will conduct a Tribal Nation Implications Assessment and, if deemed appropriate, mark the proposal as subject to the Notification Process pending receipt/approval of revisions. Key elements in this process include:

Physical Access to Tribal Nation Land: if access to Tribal Nation land is desired, states must contact the appropriate Tribal Nation authority to request/obtain access and provide a copy of this permission to the NCGMP, ideally before the award is forwarded to the grants specialist for processing.

- **Sampling on Tribal Nation Land:** If the proposed work includes any earth disturbing activity (e.g., digging, rock sampling), the state is legally required to comply with project review requirements set forth under the National Historic Preservation Act (NHPA), known as "Section 106". This applies even if the work is requested by the Tribal Nation or if the Nation has granted permission to conduct research/sampling on their land. States may not undertake activities subject to a NHPA until the Section 106 review is complete. The NCGMP will work with states to help coordinate the review as needed.

- **USGS Tribal Nation Notification:** Following approval of proposal revisions, NCGMP will prepare and coordinate the USGS Notification Letter(s) for each Tribal Nation with potential interest in the proposed work. After the appropriate USGS representative signs the Notification Letter, NCGMP will ensure the letter is sent to the Tribal Nation leader with a courtesy copy to the PI of the respective STATEMAP Award.

Questions regarding the Tribal Nation Implication Assessment and Notification Process, or anything related to work on Tribal Nation land, should be sent to statemap@usgs.gov.

ATTACHMENT E
DATA MANAGEMENT PLAN: EXAMPLE TEMPLATE

Below is an example data management plan. Additional examples are available at: https://www.usgs.gov/data-management/data-management-plans.

PI Name:
Project Title:

1. Will this project utilize existing data? ☐Yes/☐No
- If yes, where is the existing data hosted/stored currently? (Paper files, Excel spreadsheets, custom database, etc.)

2. Will new data be collected or processed? ☐Yes/☐No
- If yes, what file format will be used to collect the new data? (Paper, web forms, PDF forms, etc.)

3. Are there access/use limitations associated with this data? ☐Yes/☐No
- If yes, describe the limitations, including proprietary or sensitive data elements, etc.

4. Is existing data currently available to the public? ☐Yes/☐No
- If yes, where are the data made available?

5. Describe how any proprietary/sensitive data is handled.

6. Are any fees associated with release of the data?

7. What data format is the data released in?

☐CSV ☐Shapefile ☐GeoTIFF ☐GeMS ☐Other:

8. Is associated metadata made available, and if so what format?

9. Describe the approach for backup of all data associated with this project.
   What is the lifespan of these data? ☐Maintained indefinitely/☐Moved to archive storage after____years/☐Destroyed after ____years/☐Other:
10. Does data for this project rely on proprietary or licensed software?

List software:

11. Describe quality assurance and/or quality control procedures that are associated with data collection and processing:

ATTACHMENT F
MANDATORY PROJECT SUMMARY TABLE
(for Introduction Section)

Project Title	**Deliverables**	**Alignment with Priorities**	**Societal Relevance**	**Scientific Problems to be Addressed**
Project 1: The Marketti Project	Bedrock geologic map of the Marketti 7.5-minute quadrangle at 1:24,000 scale	Priority 3: Drinking water management in growing population areas	Surface and groundwater management, agriculture, ecological habitats	Landslides, fault mapping, stratigraphic correlation across the Marketti area
Project 2: The Ritzel Project	Surficial geologic map of the Ritzel 30x60-minute quadrangle at 1:100K scale	Priority 2: Identify and characterize potentially life-threatening hazards	Geohazard assessment, management of public and Tribal Nation land	Characterize and identify faults and landslides in support of geohazard assessments
Project 3: The Shelton Project	GeMS Level 3 geodatabase of a 1:100K scale compilation of the northern half of the state	Priority 1: Uniform mapping and seamless statewide coverage	National Geologic Synthesis, management of public and Tribal Nation land	Create statewide and regional models of tectonics
Project 4: GeMS Geodatabases	GeMS Level 3 DB of the Lola 7.5-minute quadrangle (PDP 234567); GeMS Level 3 DB of the Swezey 30x60-minute quadrangle (PDP 876543)	DOI/USGS Priority Critical minerals focus areas	National Geologic Synthesis	Serving standardized geologic mapping data to the public

ATTACHMENT G
GEMS SUBMISSION FORM

Submitter Name:
Submitting Organization:
Contact Email:

Has the GeMS Compliance Checklist been Completed?	Yes	No
Has this GeMS product been published?	Yes	No
If unpublished, will this to be published in the future?	Yes	No
Is this product approved for public download from the NGMDB?	Yes	No
Does this GeMS Database include protected or proprietary data?	Yes	No

This GeMS Deliverable is a (choose one)

_Revision of a published map (GeMS file content includes modified science relative to what is shown on the map, e.g., one or more faults have been added, removed, or their position modified; topology of one or more geologic map unit polygons has been modified; or there have been significant changes to one or more map unit descriptions).

_Reproduction of a published map (conditions noted for a revision are not met, and the GeMS file is a digital rendition of the published map graphic).

_Reproduction of a published map, with value added content (e.g., added ancillary table or set of point locations for geochemistry or geochronology not shown on the published map or the accompanying text report).

_Compilation of published maps (components of two or more published maps are compiled in the GeMS database; content of source maps may or may not have been revised).

_New, stand-alone digital map product (new map or compilation database not managed as part of a pre-existing or newly published geologic map product, e.g., published map graphic is designated elsewhere in a different Series than the map database or has a different Series #).

_Other:

- Primary NGMDB Record ID (or N/A if not yet in the NGMDB):
- A new NGMDB Map Record has been submitted: Yes or No
- Additional NGMDB Record ID(s) associated with this submission (enter multiple NGMDB Record IDs as a comma separated list):
- Full bibliographic citation for associated published product(s):
- Title:
- Authors:
- Series Name:
- Series Number:
- Publishing Organization:
- Publication Date:
- Scale:
- Number of Plates:
- Pamphlet or Report Available: Yes or No

- URL where users may access the GIS files, PDF(s), reports, etc. from submitting agency:
- List any supplemental resources excluded from the GeMS Submittal Package that are available at the above link:

ATTACHMENT H
SPECIAL TERMS AND CONDITIONS

THE STATE COMPONENT OF THE NATIONAL

COOPERATIVE GEOLOGIC MAPPING PROGRAM (STATEMAP)

OFFER AND ACCEPTANCE:

The United States of America, acting by and through the U.S. Geological Survey (USGS), hereby offers a Cooperative Agreement to the Recipient (see page 1, block 9a. titled *Grantee Name and Address*), which will be identified as the "recipient" throughout the remainder of this document.

Acceptance of a federal financial assistance award from the Department of the Interior (DOI) carries with it the responsibility to be aware of and comply with the terms and conditions of the award. Acceptance is defined as the start of work, drawing down funds, or accepting the award by signature or electronic means. Awards are based on the application submitted to and approved by DOI and are subject to the terms and conditions incorporated either directly or by reference below.

SECTION A – PROJECT DESCRIPTION

A.1 Project Description

The primary objective of the STATEMAP component of the National Cooperative Geologic Mapping Program (NCGMP) is to establish the geologic framework of areas determined to be vital to the economic, social, or scientific welfare of individual States. STATEMAP mapping priorities are established by State Geological Surveys in consultation with a multi-representational State Mapping Advisory Committee. These priorities are based on multiple factors including: a) State requirements for geologic-map information in areas of multiple-issue need or areas of compelling single-issue need, and b) State requirements for geologic-map information in areas where mapping is required to solve critical earth-science problems. In recent years, STATEMAP efforts have focused primarily on geologic maps that address land-use, water resources, aggregate and mineral resources, oil and gas, and natural hazards issues.

A.2 USGS Involvement

Substantial involvement is anticipated through the terms of this agreement between the USGS National Cooperative Geologic Mapping Program (NCGMP) and the recipient State Geological Survey. The NCGMP will provide oversight and guidance, and the recipient will conduct detailed mapping - including data collection, analysis, and interpretations within the relevant project framework established by NCGMP. Specifically, the NCGMP will facilitate critical planning and provide continuous detailed technical guidance before and during the project period of performance to ensure all project activities are contributive to the national geologic framework built through 2- and 3-dimensional mapping. USGS NCGMP staff and the recipient will meet periodically as needed to facilitate collaboration and coordination as needed. With

USGS in the coordination and oversight role, and recipient State Geological Surveys conducting the detailed mapping activities on the ground, STATEMAP benefits the geologic research community and USGS stakeholders more broadly through accelerated high-quality geologic map production to inform energy and critical mineral resource exploration, natural hazard assessment, land and water resource management, and infrastructure planning across the nation.

SECTION B – FUNDING AND AWARD PERIODS

B.1 Funding

a) The total estimated cost of the USGS share for the performance of this agreement is located on page 1, block 13 titled *Total Federal Funds Awarded to Date for Project Period,* and is inclusive of any renewal years.

b) The amount of federal funds obligated under this agreement shall be available for payment of costs incurred by the recipient in performance of this agreement (see page 1, block 6 titled *Project Period*). In no event shall costs be incurred in performance of this agreement in excess of the funds currently obligated (see page 1, block 13 titled *Total Federal Funds Awarded to Date for Project Period*).

B.2 Award Period

The initial budget period is located on page 1, block 7 titled *Budget Period*. The total project period is located on page 1, block 6 titled *Project Period*.

B.3 Pre-Agreement Costs

The recipient is not authorized to incur costs prior to the award of this agreement. Costs incurred prior to the award of this agreement are not allowable.

SECTION C - DELIVERABLES

C.1 Progress Reports

a) The recipient must submit annual progress reports electronically through GrantSolutions (https://home.grantsolutions.gov/home/) and via e-mail to the USGS Program Officer (STATEMAP@usgs.gov) within 90 calendar days after the agreement year (i.e., 12 months after the approved effective date of the agreement and every 12 months thereafter until the expiration date of the agreement.). For agreements with a total anticipated performance period of twelve (12) months or less, only a final technical report will be required. A progress report is not required in the final budget year, unless the recipient requests an extension to the project period.

b) The progress reports shall include the following information:

(i) A comparison of actual accomplishments to the objectives of the agreement established for the budget period and overall progress in response to the performance metrics.
(ii) The reasons why established goals were not met, if appropriate.
(iii) Additional pertinent information including, when appropriate, analysis and explanation of cost overruns or high unit costs.
(iv) An outline of anticipated activities and adjustments to the program during the next budget period.

c) Between the required reporting dates, events may occur which have significant impact upon the project or program. In such cases, the recipient shall inform the USGS as soon as the following types of conditions become known:

(i) Problems, delays, or adverse conditions which will materially impair the ability to meet the objective of the agreement. This disclosure must include a statement of the action taken, or contemplated, and any assistance needed to resolve the situation.
(ii) Favorable developments which enable meeting time schedules and objectives sooner or at less cost than anticipated or producing more or different beneficial results than originally planned.

C.2 Final Technical Report

a) The Recipient must submit the final technical report electronically through GrantSolutions (https://home.grantsolutions.gov/home/) and via e-mail to the USGS Program Officer (STATEMAP@usgs.gov). The final performance report will be due 90 calendar days after the period of performance end date.

b) The final technical report shall document and summarize the results of Recipient's work. The report shall include a quantitative description of activities and overall progress in response to the performance metrics which documents and summarizes the results of the entire agreement. The final report shall include tables, graphs, diagrams, sketches, etc., as required to explain the results achieved under the agreement. The report shall also include recommendations and conclusions based upon both the experience and the results obtained.

C.3 Annual Financial Reports

a) The Recipient must submit an annual SF 425, Federal Financial Report, for each individual USGS award. The SF 425 is available at *grants.gov/forms/forms-repository/post-award-reporting-forms*. The SF 425 will be due within 90 days following the end of the annual period or within 90 days following the end of each annual period coinciding with the award start date.

b) The SF 425 must be submitted electronically through GrantSolutions (https://home.grantsolutions.gov/home/). Recipient must include the USGS award number (see page 1, block 4 titled *Grant No.)* in the subject line of all e-mail correspondence. If,

after 90 days, recipient has not submitted a report, then the recipient's account in Automated Standard Application for Payments (ASAP) will be placed in a manual review status until the report is submitted.

C.4 Final Financial Report

a) The Recipient will liquidate all obligations incurred under the award and submit a final SF 425, Federal Financial Report in accordance with C.3.b. no later than 120 calendar days after the agreement completion date.

b) Recipient will promptly return any unexpended federal cash advances or will complete a final draw from ASAP to obtain any remaining amounts due. Once 120 days has passed since the agreement completion date, USGS shall unilaterally de-obligate federal funds as reflected in the final SF 425.

c) Subsequent revision to the final SF 425 will be considered only as follows:

i. When the revision results in a balance due to the Government, the recipient must submit a revised final SF 425, Federal Financial Report, and refund the excess payment whenever the overcharge is discovered, no matter how long the lapse of time since the original due date of the report.

ii. When the revision represents additional reimbursable costs claimed by the recipient, a revised final SF 425 may be submitted to the USGS Grants Specialist (amber_brazil@ios.doi.gov) with an explanation. If approved, the USGS will either request and pay a final invoice or reestablish the ASAP subaccount to permit the recipient to make a revised final draw. Any revised final report representing additional reimbursable amounts must be submitted no later than 1 year from the due date of the original report, i.e., 15 months following the agreement completion date. USGS will not accept any revised SF 425 covering additional expenditures after that date and will return any late request for additional payment to the Recipient.

C.5 Publications

a) Acknowledgment of Support

Recipient is responsible for assuring that an acknowledgment of USGS support:

1. is made in any publication (including World Wide Web pages) of any material based on or developed under this agreement, in the following terms:

> *This geologic map (or report) was funded in part by the USGS National Cooperative Geologic Mapping Program under STATEMAP award number GXXACXXXXX, 20XX*. (see page 1, block 4 titled: Grant No.).

2. is orally acknowledged during all news media interviews, including popular media such as radio, television and news magazines.

b) Disclaimer

Recipient is responsible for assuring that every publication of material (including World Wide Web pages) based on or developed under this agreement, contains the following disclaimer:

> The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the opinions or policies of the U.S. Geological Survey. Mention of trade names or commercial products does not constitute their endorsement by the U.S. Geological Survey.

c) USGS Logo

Use of the USGS logo (also known as "visual identity" or "identifier") constitutes the recipient's agreement to and acceptance of the following terms:

- The USGS identifier is trademarked and not in the public domain.
- Use of the trademarked USGS identifier is authorized by USGS for use only by recipients of USGS funding.
- Use is authorized on information products that result from research funded by the financial assistance award.
- Use the USGS identifier for any other purpose without written permission from USGS is prohibited; doing so constitutes trademark infringement.
- Recipient will adhere to the design requirements, which are as follows:
    - The USGS identifier must appear in black, white, or green only.
    - The USGS identifier cannot be modified in any way except for proportional sizing.
    - The USGS identifier should appear at the same size as logos of other agencies, if any.
    - If used on a digital product, then the USGS identifier should link to www.usgs.gov

d) Publication

Publication of the results of any project carried out under this assistance award is authorized in professional journals, trade magazines, or may be made by the USGS. Such manuscripts or publications submitted to journals or professional publications for publication shall be accompanied by the following notation:

> This manuscript is submitted for publication with the understanding that the United States Government is authorized to reproduce and distribute reprints for Governmental purposes.

e) Copies for USGS

Recipient is responsible for assuring that the USGS Project Office is provided a digital version of every accepted manuscript upon acceptance for publication.

f) Department of the Interior Requirements

Two copies of each publication produced under a grant or cooperative agreement shall be sent to the Natural Resources Library with a transmittal that identifies the sender and the publication. The address of the library is:

U.S. Department of the Interior
Natural Resources Library
Division of Information and Library Services
Gifts and Exchange Section
18th and C Streets, NW
Washington, DC 20240

SECTION D – ASSISTANCE ADMINISTRATIVE DATA

D.1 Assistance Administration

This agreement will be administered by:

Amber Brazil
Grants Management Specialist
Department of the Interior
Office of Grants Management
USGS Grants Team
703-648-7477
amber_brazil@ios.doi.gov

Written communications shall make reference to the assistance award number and shall be mailed (or emailed) to the above address.

D.2 Payment

Payments under financial assistance awards must be made using the Department of the Treasury Automated Standard Application for Payments (ASAP) system (www.asap.gov).

a) The recipient agrees that they have established or will establish an account with ASAP. USGS will initiate enrollment in ASAP. If the recipient does not currently have an ASAP account, then they must designate an individual (name, title, address, phone and e-mail) who will serve as the Point of Contact (POC).

b) With the award of each grant/cooperative agreement, a sub-account will be set up from which the recipient can draw down funds. After recipient's complete enrollment in ASAP and link their banking information to the USGS ALC (14080001), it may take up to 10 days for sub-accounts to be activated and for funds to be authorized for drawdown in ASAP.

c) Inquiries regarding payment should be directed to ASAP at 855-868-0151.

d) Payments may be drawn in advance only as needed to meet immediate cash disbursement needs.

D.3 Revisions and Prior Approvals

Modifications to this agreement shall generally be executed by mutual written consent of the parties, with the exception of certain purely administrative changes that may be executed unilaterally by the USGS. Recipients may make certain limited budgetary and programmatic changes without prior USGS approval as outlined in 2 CFR 200.308 and 200.407. Any proposed change which requires prior written approval of the USGS shall be sent to STATEMAP@usgs.gov at least thirty (30) days prior to the requested effective date of the proposed change. The USGS will respond to the change request within thirty (30) days of receipt.

a) Extensions. Recipients are specifically advised that requests for extension or other change to the budget or project period(s) require prior written approval. Such requests must be submitted as outlined above and be accompanied by a statement supporting the extension and a revised budget (if necessary) indicating the planned use of all unexpended funds during the proposed extension period. A revised budget is not required for no cost extensions.

b) Transfer of Funds. Recipients are specifically advised that prior written approval is not required for transfer of funds between direct cost categories when the cumulative amount of the transfer during the performance period does not exceed ten percent (10%) of the total USGS award. Prior written approval is required from the USGS Program Office for transfers of funds in excess of the ten percent limitation.

c) Carry Forward of Funds. Not Applicable to awards issued under the STATEMAP Program.

SECTION E - GENERAL PROVISIONS

E.1 Department of the Interior Standard Terms and Conditions

The recipient shall be subject to the Department of the Interior Standard Terms and Conditions which are incorporated herein by reference and available on the Internet at: DOI Standard Terms and Conditions | U.S. Department of the Interior: *https://www.doi.gov/grants/doi-standard-terms-and-conditions*

E.2 Additional Terms and Conditions

a) Research Integrity

1) USGS requires that all grant or cooperative agreement recipient organizations adhere to the federal policy on Research Misconduct, Office of Science and Technology Policy, December 6, 2000, 65 Federal Register (FR) 76260. The federal policy on research misconduct outlines requirements for addressing allegations of research misconduct, including the investigation, adjudication, and appeal of allegations of research misconduct and the implementation of appropriate administrative actions.

2) The recipient must promptly notify the USGS Project Office when research misconduct that warrants an investigation pursuant to the federal policy on research misconduct is alleged.

b) Data Availability

1) Applicability. The Department of the Interior is committed to basing its decisions on the best available science and providing the American people with enough information to thoughtfully and substantively evaluate the data, methodology, and analysis used by the Department to inform its decisions.

2) Use of Data. The regulations at 2 CFR 200.315 apply to data produced under a federal award, including the provision that the Federal Government has the right to obtain, reproduce, publish, or otherwise use the data produced under a federal award as well as authorize others to receive, reproduce, publish, or otherwise use such data for federal purposes.

3) Availability of Data. The recipient shall make the data produced under this award and any subaward(s) available to the Government for public release, consistent with applicable law, to allow meaningful third party evaluation and reproduction of the following:

a. The scientific data relied upon;
b. The analysis replied upon; and
c. The methodology, including models, used to gather and analyze the data.

c) Conflict of Interest

1) Applicability.

a. This section intends to ensure that non-federal entities and their employees take appropriate steps to avoid conflicts of interest in their responsibilities under or with respect to federal financial assistance agreements.

b. In the procurement of supplies, equipment, construction, and services by recipients and by subrecipients, the conflict of interest provisions in 2 CFR 200.318 apply.

2) Requirements.

a. Non-federal entities must avoid prohibited conflicts of interest, including any significant financial interests that could cause a reasonable person to question the recipient's ability to provide impartial, technically sound, and objective performance under or with respect to a federal financial assistance agreement.
b. In addition to any other probations that may apply with respect to conflicts of interest, no key official of an actual or proposed recipient or subrecipient, who is substantially involved in the proposal or project, may have been a former federal employee who, within the last one (1) year, participated personally and substantially in the evaluation, award, or administration of an award with respect to that recipient or subrecipient or in development of the requirement leading to the funding announcement.
c. No actual or prospective recipient or subrecipient may solicit, obtain, or use non-public information regarding the evaluation, award, or administration of an award to that recipient or subrecipient or the development of a federal financial assistance opportunity that may be of competitive interest to that recipient or subrecipient.

3) Notification.

a. Non-federal entities, including applicants for financial assistance awards, must disclose in writing any conflict of interest to the DOI awarding agency or pass-through entity in accordance with 2 CFR 200.112, Conflicts of Interest.
b. Recipients must establish internal controls that include, at a minimum, procedures to identify, disclose, and mitigate or eliminate identified conflicts of interest. The recipient is responsible for notifying the USGS Grants Management Official in writing of any conflicts of interest that may arise during the life of the award, including those that have been reported by subrecipients.

4) Restrictions on Lobbying. Non-federal entities are strictly prohibited from using funds under this grant or cooperative agreement for lobbying activities and must provide the required certifications and disclosures pursuant to 43 CFR Part 18 and 31 USC 1352.

5) Review Procedures. The USGS Grants Management Official will examine each conflict-of-interest disclosure on the basis of its particular facts and the nature of the proposed grant or cooperative agreement and will determine whether a significant potential conflict exists and, if it does, develop an appropriate means for resolving it.

6) Enforcement. Failure to resolve conflicts of interest in a matter that satisfies the Government may be cause for termination of the award. Failure to make required disclosures may result in any of remedies described in 2 CFR 200.338, Remedies for Noncompliance, including suspension or debarment (see also 2 CFR Part 180).

d) Program Income

1) If the recipient is an educational institution or nonprofit research organization, then any other program income will be added to funds committed to the project by the federal awarding agency and recipient and be used to further eligible project or program objectives, as described in 2 CFR 200.307(e)(2).

2) For all other types of recipients, any other program income will be deducted from total allowable costs to determine the net allowable costs before calculating the Government's share of reimbursable costs, as provided in 2 CFR 200.307(e)(1).

e) Government Furnished Equipment or Equipment Authorized for Purchase

Title to equipment acquired wholly or in part with federal funds shall be vested in the recipient unless otherwise specified in the award document. The recipient shall retain control and maintain an inventory of such equipment as long as there is a need for such equipment to accomplish the purpose of the project, whether or not the project continues to be supported by federal funds. When there is no longer a need for such equipment to accomplish the purpose of the project, the recipient shall use the equipment in connection with other federal awards the recipient has received. Disposal of equipment shall be in accordance with 2 CFR 200.313.

SECTION F – SPECIAL PROVISIONS

Geospatial Requirements

The Geospatial Data Act of 2018 outlines specific requirements for federal recipients when collecting or producing geospatial data using Department of the Interior financial assistance funds. Here's a summary of the key points:

• **Due Diligence Search:** Federal recipients must first check the GeoPlatform.gov list of datasets to see if the needed geospatial data, products, or services already exist.
• **Use of Existing Data:** If the required data is already available, recipients must use it rather than producing new data.
• **Production of New Data:** If the needed data is not available, recipients must produce new geospatial data, products, or services in accordance with guidance and standards established by the Federal Geospatial Data Committee (FGDC), which can be found at www.fgdc.gov.
• **Submission Requirements:** Recipients must submit a digital copy of all GIS data produced or collected under the award to the relevant bureau or office.
• **Data Format**: All GIS data files must be in an open format.
• **Metadata Requirements:** All delineated GIS data (such as points, lines, or polygons) should be compliant with approved open data standards and include complete feature-level metadata.

These requirements ensure that geospatial data is managed efficiently, used appropriately, and made accessible in a standardized format for future use and sharing.

2 CFR 1402.315 Availability of Data

(a) All data, methodology, factual inputs, models, analyses, technical information, reports, conclusions, valuation products or other scientific assessments in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual, resulting from a financial assistance agreement is available for use by the Department of the Interior, including being available in a manner that is sufficient for independent verification.

(b) The Federal Government has the right to:

(1) Obtain, reproduce, publish, or otherwise use the data, methodology, factual inputs, models, analyses, technical information, reports, conclusions, or other scientific assessments, produced under a federal award; and
(2) Authorize others to receive, reproduce, publish, or otherwise use such data, methodology, factual inputs, models, analyses, technical information, reports, conclusions, or other scientific assessments, for federal purposes, including to allow for meaningful third-party evaluation.

(c) Bureaus and offices of the Department of the Interior must include the language in paragraphs (a) and (b) of this section in full text in all Notices of Funding Opportunity (NOFOs) and financial assistance agreements.

SECTION G – DOCUMENTS INCORPORATED BY REFERENCE AND ORDER OF PRECEDENCE

G.1 Documents Incorporated By Reference

The following documents are hereby incorporated into this agreement by reference:

1) The Recipient's proposal
2) The Recipient's application for financial assistance (SF424, SF424A, SF424B)

G.2 Order of Precedence

In the event of any inconsistency within this agreement, the following order of precedence shall be followed:

1) The cover page.
2) Sections A through F of this agreement.
3) Documents incorporated by reference (see G.1) in the order in which they are incorporated.

-- End of Attachments --