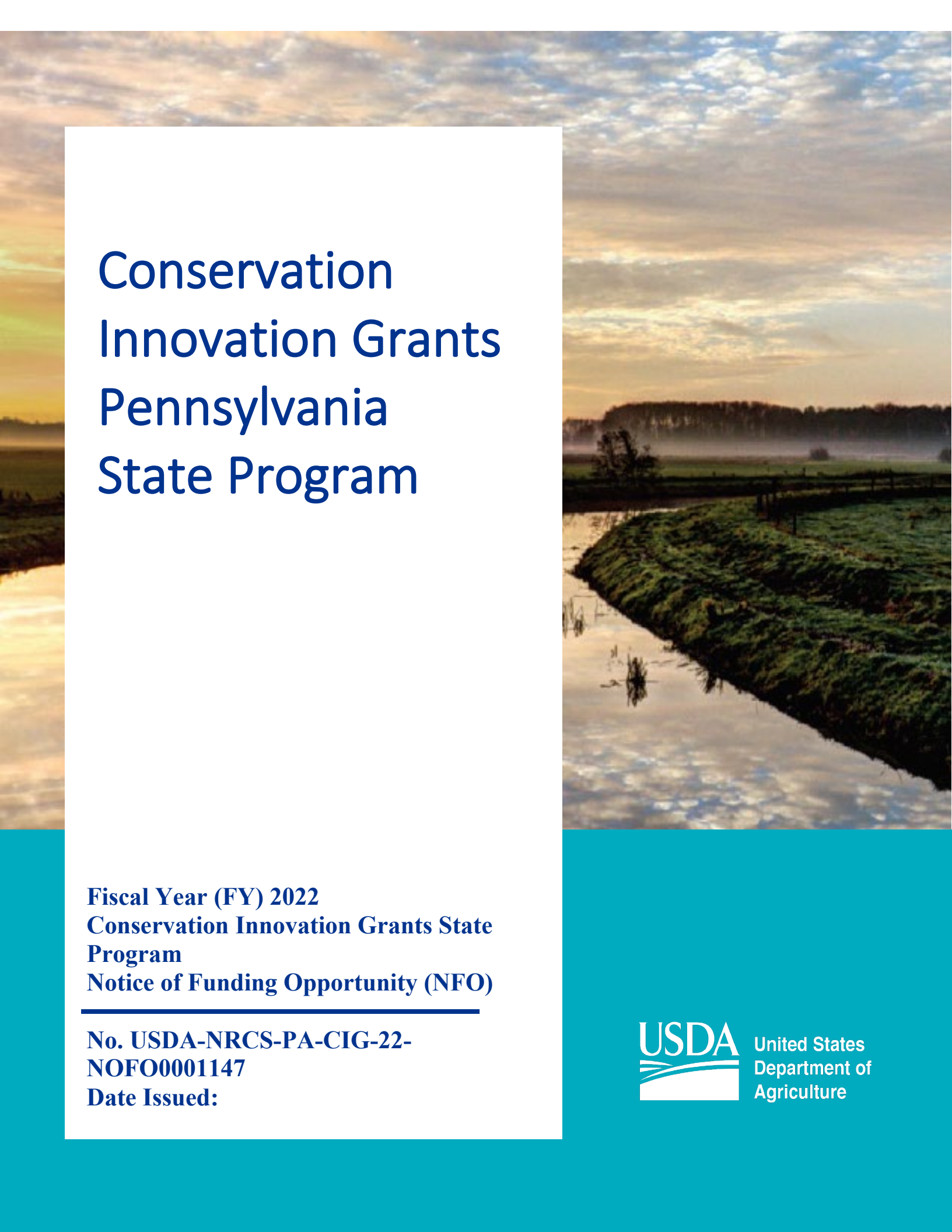




Conservation Innovation Grants Pennsylvania State Program

**Fiscal Year (FY) 2022
Conservation Innovation Grants State
Program
Notice of Funding Opportunity (NFO)**

**No. USDA-NRCS-PA-CIG-22-
NOFO0001147**

Date Issued:



Notice of Funding Opportunity (NFO)

SUMMARY INFORMATION

Federal Awarding Agency Name: U.S. Department of Agriculture – Natural Resources Conservation Service (NRCS), Commodity Credit Corporation (CCC)

Notice of Funding Opportunity Title: Announcement for Program Funding for NRCS' Conservation Innovation Grants (CIG) for Federal fiscal year (FY) 2022 – Pennsylvania

Notice of Funding Opportunity Number: *USDA-NRCS-PA-CIG-22-NOFO0001147*

Assistance Listing This program is listed in the Assistance Listings on SAM.gov under 10.912, Environmental Quality Incentives Program

SAM is a web-based, government-wide application that collects, validates, stores, and disseminates business information about the federal government's trading partners in support of the contract awards, grants, and electronic payment processes.

Notice of Funding Opportunity Summary

NRCS is announcing the availability of CIG funding to stimulate the development and adoption of innovative conservation approaches and technologies. Applications are accepted from [eligible entities](#) for projects carried out in the state of Pennsylvania. A total of up to \$225,000 is available for the Pennsylvania CIG competition in FY 2022. All non-federal entities (NFE) and individuals are invited to apply, with the sole exception of federal agencies. Projects may be between one and three years in duration.

For new users of Grants.gov, see Section D. for information about steps required before submitting an application via Grants.gov.

Key Dates

Applicants must submit their applications via Grants.gov by 11:59 pm Eastern Time on April 14, 2022. For technical issues with Grants.gov, contact Grants.gov Applicant Support at 1-800-518-4726 or support@grants.gov. Awarding agency staff cannot support applicants regarding Grants.gov accounts. For inquiries specific to the content of the NFO requirements, contact the federal awarding agency contact (section G of this NFO). Please limit questions to those regarding specific information contained in this NFO (such as dates, page numbers, clarification of discrepancies, etc.) Questions related to eligibility, or the merits of a specific application will not be addressed.

A webinar for CIG applicants is scheduled for March 14, 2022, at 1:00 p.m. Eastern Standard Time. Information on how to participate in the webinar will be posted to the Pennsylvania CIG [website](#). Applicants are encouraged to visit this website to learn more about the CIG program.

The agency anticipates making selections by June 14, 2022 and expects to execute awards by July 29, 2022. These dates are estimates and are subject to change.

Federal Funding Floor and Ceiling Amounts

The estimated funding floor for this opportunity is \$5,000, and the estimated funding ceiling is \$75,000. The funding floor means the minimum agreement funding amount for the Federal share per agreement awarded. The ceiling is the maximum agreement funding amount for the Federal share per agreement awarded. These numbers refer to the total agreement amount, not any specific budget period.

Federal Financial Assistance Training

The funding available through this NFO is Federal financial assistance. Grants 101 Training is highly recommended for those seeking knowledge about Federal financial assistance. The training is free and available to the public via <https://www.cfo.gov/grants-training/>. It consists of five modules covering each of the following topics: 1) laws, regulations, and guidance; 2) financial assistance mechanisms; 3) uniform guidance administrative requirements; 4) cost principles; and 5) risk management and single audit. FPAC agencies also apply Federal financial assistance regulations to certain non-assistance awards (e.g., non-assistance cooperative agreements).

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A. PROGRAM DESCRIPTION

1) Legislative Authority

The Conservation Innovation Grants (CIG) program is authorized as part of the Environmental Quality Incentives Program (EQIP) (16 U.S.C. 3839aa-8). The Secretary of Agriculture delegated the authority for the administration of EQIP, including CIG, to the Chief of the Natural Resources Conservation Service (NRCS). EQIP is funded and administered by NRCS under the authorities of Commodity Credit Corporation (CCC).

2) Overview

The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies in conjunction with agricultural production. CIG projects are expected to lead to the transfer of conservation technologies, management systems, and innovative approaches (such as market-based systems) to agricultural producers, into government technical manuals and guides, or to the private sector. CIG generally funds pilot projects, field demonstrations, and on-farm conservation research. On-farm conservation research is defined as an investigation conducted to answer a specific applied conservation question using a statistically valid design while employing farm-scale equipment on farms, ranches, or private forest lands.

3) Innovative Conservation Projects or Activities

CIG funds the development and field testing, on-farm research and demonstration, evaluation, or implementation of:

- Approaches to incentivizing conservation adoption, including market-based and conservation finance approaches; and
- Conservation technologies, practices, and systems.

Projects or activities under CIG must comply with all applicable federal, Tribal, state, and local laws and regulations throughout the duration of the project; and:

- Use a technology or approach that was studied sufficiently to indicate a high probability for success;
- Demonstrate, evaluate, and verify the effectiveness, utility, affordability, and usability of natural resource conservation technologies and approaches in the field;
- Adapt and transfer conservation technologies, management, practices, systems, approaches, and incentive systems to improve performance and encourage adoption;
- Introduce proven conservation technologies and approaches to a geographic area or agricultural sector where that technology or approach is not currently in use.

Technologies and approaches that are eligible for funding in a project's geographic area using an EQIP contract for an established conservation practice standard are ineligible for CIG funding, except where the use of those technologies and approaches demonstrates clear innovation.

4) State Component

For FY 2022, NRCS accepts applications that address one or more of the State priorities listed below.

At least 10 percent of the total funds available for CIG in FY 2022 is set aside for applications from Historically Underserved producers, veteran farmers or ranchers, or community-based organizations comprised of or representing these entities (see Section D. 4 (f)).

PA CIG Priorities for FY 2022:

All proposals should relate to the broad topics listed below. A ranking system assigns higher priority to those proposals in the identified areas.

- **Carbon Sequestration**

- Demonstrate conservation practices and management techniques that increase carbon sequestration beyond the conservation practices identified by NRCS (see Appendix E, right column).
- Develop strategies to increase biologic carbon sequestration on farmsteads.
- Encourage the use of new technologies to measure carbon in soils.

- **Legacy Sediment**

- Demonstrate and evaluate the use of legacy sediment for land reclamation.
 - Examine the costs of disposing colonial mill dam sediments in a variety of areas, including urban brownfields, on current agricultural areas, and abandoned mine lands.

- **Soil Health**

- Promote cover crop interseeding in geographic areas of Pennsylvania's Northern Tier where it has not been widely adopted.
- Implement a strategy to increase the number of farms with systems of no-till plus cover crops where manure is applied. Priority will be given to proposals that are willing to work with farmers already implementing such systems as role models/mentors to the less experienced farmers. A project leader should be able to use non-formal adult educational techniques (appropriate use of field days, meetings, newsletter articles, posters, exhibits, etc.) to affect the desired practice change, which is the increase in farms with the system, within target audience(s). It is expected that the project leader at the end of the project describes the educational and outreach techniques utilized and that the evaluation data includes a "before" and "after" practice adoption within the targeted audience that describes degree of success in meeting the goal.
- Demonstrate, evaluate, and verify the effectiveness, utility and affordability conservation systems that include crop rotation, cover crops conservation tillage and nutrient management have in promoting beneficial organisms that support ecological pest management.
- Demonstrate, quantify, and evaluate the application of biochar from manure and other organic materials for use in agriculture. Evaluate the effect of biochar application to improve soil health. Evaluate how much biochar is needed to provide the most benefit for the least cost. Sources of biochar should be locally developed and easily obtainable.
- Demonstrate the use of soil carbon amendments to improve the physical, chemical, and biological properties of the soil. Soil properties to be addressed are soil organic matter, soil aggregate stability, and habitat for soil organisms. Other outcomes to be measured are plant productivity, and water-use efficiency. Carbon amendments can be applied to row crop or specialty crop production, or for urban agriculture. The type of carbon amendments can be compost or biochar derived from plentiful local sources, or other carbon amendments from regionally appropriate carbon-based materials. This project

would provide support for the development of a Pennsylvania specific soil carbon amendment practice standard.

- **Water Quality**

- Demonstrate the use of native grasses as filters along streams to improve water quality while exploring carbon market approaches to encourage increased adoption.
- Develop strategies for working with stakeholders within ag impaired watersheds to improve the adoption of conservation within the watershed and identify effectiveness using stream monitoring data.

- **Urban Farming**

- Demonstrate how agricultural production and conservation of the natural resources (e.g., soil, water) go hand-in-hand in the urban farm by implementing traditional NRCS conservation practices such as cover crops, drip irrigation, conservation crop rotation, integrated pest management as well as innovative conservation practices that promote sustainable production.
- Demonstrate techniques and best practices for irrigation use in urban farming scenarios
- Develop and implement a hands-on program to educate producers on the elements of soil health, NRCS conservation planning process and on how to request assistance (including helping producers establish farm documentation with the Farm Service Agency). Produce written documents in English, Spanish, Pennsylvania Dutch, and Nepali.
- Demonstrate soil remediation techniques to mitigate lead and other urban soils contaminants.
- Propose conservation practice standards or specifications appropriate for urban farming applications. This may include technical criteria or specifications on how to adapt practices to smaller sites and soil conditions common in urban areas.
- Demonstrate, evaluate, and verify the effectiveness, utility and affordability conservation systems that include crop rotation, cover crops, conservation tillage and nutrient management have in promoting beneficial organisms that support ecological pest management.
- Explore approaches to increase pollinator habitat by fine tuning seed mixes for urban conditions.

- **Non-Industrial Private Forestland**

- Develop and demonstrate innovative strategies to build Forest Management Collaboratives (a.k.a. Forest Landowner Stewardship Networks) in order to encourage broader adoption of conservation practices amongst small scale non-industrial private forestland (NIPF) landowners and to support implementation of forestry practices (such as prescribed burning) across ownership boundaries.
- Increase the adoption of the NRCS Agroforestry Conservation Practice of Multistory Cropping (a.k.a. Forest Farming) for the management of forested systems where non-timber forest products are produced in a manner that reduces natural resources concerns. Evaluate the compatibility of improving forest health and the implementation of Multistory Cropping with a focus on native plants harvested and used as medicinal herbs. Develop plant species specific guidance to optimize forest health and non-timber forest product production opportunities. Utilize demonstration sites for outreach and education opportunities related to Multistory Cropping and the production and/or post-processing of non-timber forest products.
- Demonstrate on-farm uses for residual woody materials (i.e., Biochar) to address resource concerns including soil erosion, and water quality degradation.

- Demonstrate ways to connect forest biochar production to land application especially on urban farms and community gardens.

B. FEDERAL AWARD INFORMATION

1) Available Funding

a. Estimated Funding

NRCS Pennsylvania expects to award approximately \$225,000 through this opportunity. However, the agency retains the discretion to award a larger or lesser amount.

b. Start Dates and Performance Periods

Projects may be between 1 and 3 years in duration. Applicants should plan their projects based on an estimated project start date of August 29, 2022.

c. Number of Awards

The agency expects to make 3 award(s).

2) Type of Award

a. Type of Federal Award

The agency plans to award grant agreement(s) pursuant to this opportunity.

b. Procurement Contracts

The agency does not expect to award procurement contracts associated with this NFO.

c. Eligibility of Renewal or Supplemental Project Applications

Applications for renewal or supplementation of existing projects *are not* eligible to compete with applications for new Federal awards. An application for renewal means an application submitted to continue an existing agreement that meets the objectives and requirements of this NFO. An application for supplementation of an existing project means an application to add components to an existing agreement so that it would meet the objectives and requirements in this NFO.

C. ELIGIBILITY INFORMATION

1) Eligible Applicants

Applicants and applications must meet eligibility criteria by the application deadline to be considered for award. Eligible applicant type is determined by the implementing program statute. Applicant entities identified in the SAM.gov exclusions database as ineligible, prohibited/restricted, or excluded from receiving Federal contracts and certain Federal assistance and benefits will not be considered for Federal funding, as applicable to the funding being requested under this Federal program (2 CFR 200.206(d)).

All U.S.-based non-Federal entities (NFE) and individuals, with the exception of Federal agencies, are eligible to apply for projects carried out in Pennsylvania.

2) Other

Any award made pursuant to this NFO will be made to a single entity. Applicants that apply as “partnerships” or other similar groupings must clearly describe the relationship between the applicant and the “partner” parties. In all but exceptional cases, it must be reflected in the award as an awardee/sub awardee relationship.

An applicant organization may submit more than one application for different projects or proposing different approaches. In the case of applications submitted as revisions or corrections to a previously submitted application under this NFO, the agency will consider the last application submitted prior to the established deadline.

a. CIG Specific Eligibility and Technical Assistance for CIG Projects

Conservation Innovation Grants are Grant Agreements and as such do not provide for substantial involvement between NRCS and the grantee in carrying out the activity contemplated by the federal award. The technical assistance required to carry out a project is the responsibility of the grantee. NRCS designates an NRCS employee as a Technical Contact for each grant award. Technical contacts provide oversight activities during the project, such as site visits, reviewing performance reports, financial reports, and audits to ensure that standards, objectives, terms, and conditions for the projects are accomplished, but will not be substantially involved in carrying out the activity contemplated by the federal award.

All CIG projects must involve EQIP-eligible producers that meet EQIP’s eligibility requirements listed in [7 CFR § 1466.6\(b\)\(1\) through \(3\)](#):

- Be in compliance with the highly erodible land and wetland conservation provisions (7 CFR Part 12).
- Be a person, legal entity, joint operation, Indian tribe, or native corporation who is engaged in agricultural production or forestry management or has an interest in the agricultural or forestry operation as defined in [7 CFR Part 1400](#).
- Have control of the land involved for the term of the proposed contract period.

b. EQIP Payment Limitation and Duplicate Payments

The following provisions apply to CIG funding:

- CIG funds are awarded through grant agreements. These grant agreements are not EQIP contracts; thus, CIG awards in and of themselves are not limited by the payment limitation found at section 1240G of the Food Security Act of 1985, 16 U.S.C. 3839aa-7, which imposes a \$450,000 payment limitation for all payments made to persons or legal entities under an EQIP contract entered into between FY 2019 and FY 2023.
- All agricultural producers receiving a payment through participation in a CIG project must meet the eligibility requirements of 7 CFR § 1466.6(b)(1) through (3) noted above. In addition, all CIG payments are subject to the Adjusted Gross Income (AGI) limitation. All agricultural producers receiving a payment through participation in a CIG project must have an AGI that does not exceed \$900,000. If awarded a grant, grantees must self-certify and maintain records showing that participating producers receiving payments using CIG funding meet the EQIP eligibility and AGI requirements. Section 1704 (a)(3) of the 2018 Farm Bill states the Secretary may waive the AGI limit on a case-by-case basis, if the Secretary determines that

environmentally sensitive land of special significance would be protected as a result of such waiver. CIG grantees may request waivers once their project commences.

- Section 1240B of the Food Security Act of 1985, [16 U.S.C. 3839aa-2](#), prohibits duplicative payments. Accordingly, direct, or indirect payments cannot be made for a practice for which an individual or legal entity has already received funds or is contracted to receive funds through any USDA conservation program (e.g., Conservation Reserve Program, EQIP, Agricultural Management Assistance, Conservation Stewardship Program). If awarded a grant, grantees must self-certify that payments to producers using CIG funding are not duplicative.

c. Historically Underserved Producers and Veteran Farmers or Ranchers

For the FY 2022 CIG award process, at least 10 percent of the total funds available for CIG are set aside for applications from Historically Underserved producers, veteran farmers or ranchers, or community-based organizations comprised of or representing these entities. The regulatory definitions of a Historically Underserved producer and a veteran farmer or rancher may be found at [7 CFR 1466.3](#).

To compete for set-aside funds, the applicant must signal their intent by following the instructions in [Section D. 4 \(g\)](#). These applicants must meet all other requirements of this announcement, including addressing at least one CIG [priority](#) listed in this notice.

Funds not awarded through this set-aside will revert to the pool of non-set-aside funds.

3) Cost Sharing or Matching

This NFO requires applicants to share at least 50 percent of total project costs. Special considerations exist for some historically underserved applications. For these special circumstances, please see Section D. 4(j). Applications that do not include the required level of cost-sharing will be ineligible for award. Cost sharing may be achieved with contributions of cash, services, materials, equipment, or third-party in-kind contributions. Recipients with unrecovered indirect costs may also use those to meet cost-sharing obligations. Refer to section D of this NFO for information about any required submittals related to match or cost-share requirements. While the pace of cost-sharing/matching may vary throughout the award period, the agency will actively monitor cost-sharing/matching levels as it receives payment requests to ensure the total cost sharing/matching requirement is met by the award period of performance end date. Additional details about cost sharing or matching funds/contributions are located at 2 CFR 200.306.

D. APPLICATION AND SUBMISSION INFORMATION

1) How to submit an application

Applications must be submitted electronically through grants.gov (see Section D.2.). Submissions must be received by the time and date due. Late submissions will not be reviewed or considered. The agency will rely on system generated date and time receipt documentation for submission made.

2) Information for New Users of Grants.gov

a. Overview

While a Grants.gov account is not required to download an NFO and related documents, it is required to submit an application. If your organization has never submitted an application or via Grants.gov, please be aware that there are several steps you must take to register your organization before you can submit an application. **Completing those steps can take a significant amount of time; plan accordingly.**

For information about the Grants.gov pre-award phase of the grant lifecycle see <https://www.grants.gov/web/grants/learn-grants/grants-101/pre-award-phase.html>.

b. Register to Apply through Grants.gov

Carefully review the registration steps and gather information requested prior to beginning the registration process to avoid last-minute searches for required information. For assistance with the registration process, contact Grants.gov Applicant Support at 1-800-518-4726 or support@grants.gov.

Organizations must complete all steps to register (steps i. through v. below). Complete organization instructions are included on Grants.gov here:

<https://www.grants.gov/web/grants/applicants/organization-registration.html>.

Although creating a Grants.gov account online can take only minutes, SAM registrations may take several weeks. Therefore, organizations should begin the process early to ensure they have sufficient time to complete registration and meet required application submission deadlines.

Individuals are not subject to the Unique Entity Identified (UEI)/DUNS or SAM requirement and may begin with step iii., Create a Grants.gov Account, listed below. (Note: Individuals are not eligible for all opportunities.)

c. Steps to Register:

- i. *Obtain a DUNS Number or UEI:* All entities applying for funding must have a Data Universal Numbering System (DUNS) Number from Dun & Bradstreet (D&B) or a UEI issued by SAM.gov. Applicants must enter the DUNS Number/UEI in the data entry field labeled "UEI" on the SF-424 form.
- ii. *Register with SAM:* All organizations must register with System for Award Management (SAM) to apply online through Grants.gov. SAM registration must be renewed annually. Part of the SAM registration process includes designating an Electronic Business Point of Contact (EBiz POC). **The EBiz POC plays an integral part in the organization's Grants.gov registration and application process.** The individual in that role must authorize all other roles in Grants.gov. For more detailed instructions for registering with SAM, refer to:
<https://www.grants.gov/web/grants/applicants/organization-registration/step-2-register-with-sam.html>
- iii. *Create a Grants.gov Account:* From the Grants.gov webpage (<https://www.grants.gov/>), click "Register" in the top right-hand corner and follow the on-screen instructions or refer to the detailed instructions here:
<https://www.grants.gov/web/grants/applicants/registration.html>
- iv. *Add an Organization Applicant Profile to a Grants.gov Account:* A profile in Grants.gov corresponds to a single applicant organization the user represents (i.e., an applicant) or an

individual applicant. If you work for or consult with multiple organizations and have a profile for each, you may log in to one Grants.gov account to access all your grant applications. To add an organizational profile to your Grants.gov account, enter the DUNS Number for the organization in the UEI (Unique Entity Identifier) field while adding a profile. For more detailed instructions about creating a profile on Grants.gov, refer to: <https://www.grants.gov/web/grants/applicants/registration/add-profile.html>

- v. *EBiz POC Authorized Profile Roles*: After you register with Grants.gov and create an Organization Applicant Profile, you must establish roles for individuals in the organization. The Authorized Organizational Representative (AOR) role is critical; it gives an individual permission to complete and submit applications on behalf of the organization. Please be aware that the EBiz POC and the person with AOR Role cannot be the same individual; they must be different people. Without this role, the organization cannot submit any applications. The request for role assignment will be routed to the organization's EBiz POC for approval. Once approved, the AOR can submit an application online. For more detailed instructions about creating a EBiz POC authorized profile on Grants.gov, refer to: <https://www.grants.gov/web/grants/applicants/registration/authorize-roles.html>

Track Role Status: To track your role request, refer to:

<https://www.grants.gov/web/grants/applicants/registration/track-role-status.html>

- d. *Electronic Signature*. When applications are submitted through Grants.gov, the name of the organization applicant with the AOR role that submitted the application is inserted into the signature line of the application, serving as the electronic signature. Please be aware that the EBiz POC and the person with AOR Role cannot be the same individual; they must be different people. The EBiz POC **must** authorize people who are able to make legally binding commitments on behalf of the organization as a user with the AOR role. **This step (step c.v. above) is often missed, and it is crucial for valid and timely submissions.**
- e. *Workspace*. Workspace is a shared, online environment where members of a grant team may simultaneously access and edit different webforms within an application. For each NFO, you can create individual instances of a workspace. An applicant can start an application in Workspace and return to work on it later within Workspace.
- f. *Apply for an Opportunity*. Below is an overview of applying on Grants.gov. For complete instructions on how to apply for opportunities, refer to: <https://www.grants.gov/web/grants/applicants/workspace-overview.html>
 - i. *Create a Workspace*: Creating a workspace allows you to complete an application online and route it through your organization for review before submitting.
 - ii. *Complete a Workspace*: Add participants to the workspace to work on the application together, complete all the required forms online or by downloading PDF versions, and check for errors before submission. The Workspace progress bar will display the status of your application process as you apply. As you apply using Workspace, you may click the blue question mark icon near the upper-right corner of each page to access context-sensitive help.
 - *Adobe Reader*: If you decide not to apply by filling out webforms you can download individual PDF forms in Workspace. The individual PDF forms can be downloaded and saved to your local device storage, network drive(s), or external drives, then accessed through Adobe Reader.

NOTE: Visit the Adobe Software Compatibility page on Grants.gov to download the appropriate version of the software at:

<https://www.grants.gov/web/grants/applicants/adobe-software-compatibility.html>

- **Mandatory Fields in Forms:** In the forms, you will note fields marked with an asterisk and a different background color. These fields are mandatory fields that must be completed to successfully submit your application.
 - **Complete SF-424 Fields First:** The forms are designed to fill in common required fields across other forms, such as the applicant name, address, and DUNS Number/UEI. Once it is completed, the information will transfer (i.e., prepopulate) to the other forms.
- iii. **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. Grants.gov recommends submitting your application package at least 24-48 hours prior to the close date to provide you with time to correct any potential technical issues that may disrupt the application submission.
- iv. **Track a Workspace Submission:** After successfully submitting a workspace application, a Grants.gov Tracking Number (GRANTXXXXXXXX) is automatically assigned to the application. The number will be listed on the Confirmation page that is generated after submission. Using the tracking number, access the Track My Application page under the Applicants tab or the Details tab in the submitted workspace.

For additional training resources, including video tutorials, refer to:

<https://www.grants.gov/web/grants/applicants/applicant-training.html>

3) Electronic Application Package

Applicants interested in submitting an application in response to this NFO must submit it via Grants.gov; the agency will not accept applications submitted via email or any other method. Applicants are urged to submit early to the Grants.gov system.

For technical issues with Grants.gov, contact Grants.gov Applicant Support at 1-800-518-4726 or support@grants.gov. Awarding agency staff cannot support applicants regarding Grants.gov accounts.

Address to Request Application Package

All information necessary to apply for this opportunity is included in the [Grants.gov](#) opportunity announcement.

4) Content and Form of Application Submission

The agency may choose not to consider applications that fail to comply with the required content, format, and page limits, or those that are incomplete.

To be considered for funding under this opportunity, an application must contain the following:.

a. Project Abstract (1 page maximum)

Describe in nontechnical language the issue or problem, the objectives to address the issue or problem, the innovative approach to be employed (including the role of participating

partners), the main project deliverables and anticipated project results, how the results will be quantified, and the predicted benefits to conservation more broadly.

b. Project Narrative

Each page must be numbered and have one-inch margins. The text of the project narrative must be single spaced and typed in a standard typeface (e.g., Times New Roman, Arial, Courier) with no smaller than 12-point font. The project narrative must not exceed 16 pages, *including a mandatory 1-page Cover Page, described below*. This page limitation applies to the project narrative only.

The project narrative must cover all activities proposed to be carried out with both the Federal and non-Federal matching funds. Activities related but beyond the scope of the CIG project budget should be described in the background section only. A sample project description is posted to the CIG website at

<https://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/programs/financial/cig/?cid=s1elprdb1046235>.

The project description must include the following information, in this order:

i. Cover Page (1 page maximum)

On a single page, provide the following information:

- The applicant entity name.
- The project title.
- The proposed start and end dates and the project duration in months.
- The amount of Federal funding requested.
- The amount of non-Federal contributions committed.
- The applicant's technical contact (usually project director). (Provide name, phone, email.)
- The applicant's administrative contact (provide name, phone, email) (usually an individual in a grants office or project manager working under a project director. The administrative contact often handles the budgetary and reporting requirements for a CIG project. NRCS will use the applicant's technical and administrative contacts identified as the primary applicant contacts throughout the life of the project, unless notified of personnel changes).
- The geographic location of the project.
- The state priority that is addressed by the project. List only one priority from [Section A. 4](#). If the proposal addresses more than one priority, **you must select a primary priority** for your application to be considered under.
- Include a declaration if the project is competing for historically underserved set aside (see [section D.4 \(f\)](#) for further instructions and qualifications).
- A brief description (1–3 sentences) of the innovative conservation approach or approaches that is the focus of the project—please be concise!

ii. Project background: Describe the issue or problem driving the need for the proposed innovation. Provide evidence that the proposed innovation has been studied sufficiently to indicate a high probability for success.

- iii. Project goal/objectives: State the main goal of the project and then outline the supporting objectives to reach this goal. Objectives should be specific, measurable, achievable, realistic, and time-bound (SMART¹). Provide supporting information that describes the innovative nature of the project and how this innovation could advance the field of conservation. If the project is addressing innovation of an NRCS conservation practice standard, or proposing a new standard, state this explicitly and identify the standard.
- iv. Project design and methods: Clearly describe the methodology of the project and the tools or processes that will be used to implement the project. (We encourage new grant writers to consider using a logic model approach to improve clarity of this section.) For more on the logic model, see: <https://fyi.extension.wisc.edu/programdevelopment/logic-models/>.
- v. Project outcomes and benefits: Identify the expected results and outcomes of the project and the anticipated impact on conservation and society and any other benefits derived from the project. Forecast the lasting impact of project results. Identify project beneficiaries, (i.e., agricultural producers) by type, region, or sector; historically underserved producers and communities; rural communities; and/or municipalities.
- vi. Geographic location and size of project or project area: Identify the geographic location and the estimated size and scope (e.g., acres, farm types, demographics) of the project area. Maps are recommended.
- vii. EQIP-eligible producer participation: Estimate the number of EQIP eligible producers involved in the project and describe the extent of their involvement. Describe whether these producers have been identified, and if not yet identified clearly articulate the process that will be carried out to identify and attract producer participation. If competing in the set aside for historically underserved projects, include an estimate on the number of historically underserved producers scheduled to participate in the project.
- viii. Project deliverables/products: Provide a list of specific deliverables and products that directly relate to the project objectives, outcomes, and benefits that will allow NRCS to monitor project progress and approve payments. The proposal must include a set of technical deliverables that reflect the performance and broader applicability of the project.

Note: In addition to project-specific deliverables, CIG grantees are responsible for:

- a) Participating in at least one event (e.g., conference or workshop) during the grant period where the grantee presents on the activities of the project.
- b) A final factsheet.
- c) Closing event — this could be a webinar, field day, training event, etc., used to disseminate project results.

¹ SMART objectives are described by several organizations. Here is an example from the Centers for Disease Control: https://www.cdc.gov/phcommunities/resourcekit/evaluate/smart_objectives.html

- ix. Project action plan and timeline: Provide a bulleted list of project actions and deliverables relative to timeframes and associated project milestones through to project completion. Applicants will be awarded by July 29, 2022. Applicants should develop their timelines based on a project start date of August 29, 2022.
- x. Project management: Give a description of how the project will be organized and managed, including a list/description of project partners. Include a description of how communication will be structured within the project team to ensure effective project management.
- xi. Technology transfer: Describe how the results will be transferred to producers and stakeholders through communications and outreach activities.
- xii. Project evaluation: Describe the methodology used to evaluate the project and describe how results will be quantified. It should be clear to the reviewers how project objectives relate to the evaluation.
- xiii. Graphics, including pictures, charts, graphs, and similar items count towards the 16-page maximum.
- xiv. References, bibliographies, and citations, if included, do not count towards the 16-page maximum.

The following documents do not count toward the above stated page limit.

c. Team Qualifications

Provide brief descriptions of key technical and administrative personnel qualifications, their experience managing Federal awards, and their anticipated contributions to the project. This does not count towards the 16-page maximum. Do not include resumes or curriculum vitae (CVs).

d. Assessment of Environmental Impacts.

If implementation of the proposal is anticipated to have physical, chemical, or biological impacts on the environment, please describe the impacts and their extent. The description of the potential environmental impacts must address both beneficial and adverse impacts of the proposed action. The length of the description should be commensurate with the complexity of the project proposed and the natural environmental resources impacted directly, indirectly, or cumulatively. Where possible, information on environmental impacts should be quantified, such as number of acres of wetlands impacted, amount of carbon sequestration estimated, etc. Natural environmental resources include soil, water, air, plants, and animals, as well as other resources protected by law, regulation, executive order, and agency policy. NRCS may choose not to approve funding for projects that may result in unacceptable adverse environmental impacts.

Every funded CIG project that involves ground disturbance activities is subject to the National Environmental Protection Act (NEPA). NRCS must complete an environmental review of each awarded project before project commencement. Applicants may be required to prepare and pay for preparation of an Environmental Assessment (EA) or Environmental Impact Statement (EIS), should the environmental review find that an EA or EIS is required.

In addition, a National Historic Preservation Act (NHPA) Section 106 review and consultation by NRCS State or area office with consulting parties (such as the pertinent State Historic Preservation Officer and federally recognized Indian Tribes) may be required prior to the implementation of project activities that have the potential to impact cultural resources. NHPA Section 106, its implementing regulations (36 CFR Part 800), and other related authorities, require federal agencies to determine if a project has the potential to cause an effect to historic properties and, if so, if they are adverse and how the effects may be addressed. The NHPA review and compliance in accordance with Section 106 of NHPA and implementing regulations at 36 CFR Part 800 must be completed by NRCS and applicants may be required to pay for any cultural resource surveys needed for NRCS to assess CIG project effects. More information on the applicants role in NHPA Section 106 process can be found on the Advisory Council on Historic Preservation website at <https://www.achp.gov/digital-library-section-106-landing/section-106-applicant-toolkit>.

e. Declaration of previous CIG projects involvement and past performance.

If the applicant has previously received a CIG award (either at the National or State levels), list the following for each award and give a short summary of the completed project's results and impact. If the project is ongoing, provide the anticipated results. Each description should be no more than a half page:

- Project title
- CIG agreement number
- Award funding amount
- Year of award expiration

f. Declaration of Historically Underserved and veteran farmers or ranchers.

The CIG program provides special consideration to projects substantially involving or benefitting [historically underserved producers or groups of producers](#). At least 10 percent of the total funds available are set aside for applications from:

- i. An historically underserved producer;
- ii. A community-based organization comprised of, representing, or exclusively working with historically underserved producers on a CIG project;
- iii. An entity developing an innovative conservation approach or technology specifically targeting historically underserved producers' unique needs and limitations; or
- iv. An 1890 or 1994 land grant institution (7 U.S.C. 3222 *et seq.*), Hispanic-serving institution (20 U.S.C. 1101a), or other minority-serving institution, such as an historically Black college or university (20 U.S.C. 1061), a tribally controlled college or university (25 U.S.C. 1801), or Asian American and Pacific Islander-serving institution (20 U.S.C. 1059g).

An applicant seeking to qualify for the historically underserved set-aside must provide a self-certification declaration on the application cover page. An example of a self-certification statement is: "I/(entity name) qualify to compete in the historically underserved set aside as a (select the appropriate option in section D.4(f) i-iv.)".

The EQUIP rule published in October 2020 provides the Chief with authority to reduce the matching funds requirement for CIG Classic for individuals or entities applying as part of the HU set-aside. Therefore, any project that applies and qualifies as an organization outlined in Section D. (4) i-iv must provide matching funds that represent at least 33 percent of the total project budget, or 50% of the federal request. In the example above, with a \$500,000 CIG funding request, a project proposal submitted by a qualifying HU organization would need to provide at least \$250,000 in matching funds.

If your application will include information collection from non-Federal sources, ensure the collection meets the requirements of the Paperwork Reduction Act. Surveys of individuals or entities are generally prohibited without prior approval from the Office of Management and Budget. For additional guidance about allowable and unallowable activities, please visit the following website: <https://pra.digital.gov/do-i-need-clearance/>.

g. Application Form: (Standard Form 424 Application for Federal Assistance) See Instructions for Completing SF 424 located included as Appendix D of this document.

h. Standard Form (SF) 424A, Budget Information - Non-Construction Programs. Fill in all spaces as appropriate. Section B, Item 6, Column 1 should reflect the agency funds, and Column 2 should reflect the applicant's matching funds. This form is the summary budget for the project and should include the full project totals on pages one and two. See Instructions for Completing SF 424A located included as Appendix D of this document. Refer to Section D of this opportunity for information regarding indirect costs.

i. Budget Narrative

- i. In a separate document titled "Budget Narrative," explain and justify all requested budget items/costs. Detail how the totals on the SF-424A were determined and demonstrate a clear connection between costs and the proposed project activities. For personnel salary costs, include the base-line salary figures and the estimates of time (as percentages) to be directly charged to the project. Describe any item that under the applicable Federal cost principles requires the agency's approval and estimate its cost. The pages included as the budget narrative do not count toward the page limit. Cost sharing/matching must be committed at the time of application submission. The budget narrative must show the amounts and sources of match or cost share (including both cash and in-kind contributions). Budget guidance along with a sample budget narrative and table can be found in Appendix B of this announcement.
- ii. For third-party contributions, a letter is required for each contribution, signed by the authorized organizational representative of the contributing organization and the applicant organization, which must include: (1) the name, address, and telephone number of the contributor, (2) the name of the applicant organization, (3) the title of the project for which the contribution is made, (4) the dollar amount of the contribution, and (5) a statement that the contributor will pay the contribution no later than the end of the award period. The agency may conduct reference checks to ensure that organizations identified are supportive and involved with the project. Cost sharing/match letters should be addressed to the Federal Awarding Agency Contact in section G of this NFO and uploaded under Other Attachments (listed separately under Optional Forms) in Grants.gov. A commitment letter template has been included as Appendix C of this NFO.

- iii. Any non-Federal entity (except State and local governments that receive more than \$35 million per year in Federal funding) that does not have a current negotiated (including provisional) rate may elect to charge a de minimis rate of 10 percent of modified total direct costs (MTDC) which may be used indefinitely. No documentation is required to justify the 10 percent de minimis indirect cost rate. As described in [2 CFR 200.403](#), costs must be consistently charged as either indirect or direct costs but may not be double charged or inconsistently charged as both. If chosen, this methodology once elected must be used consistently for all Federal awards until such time as a non-Federal entity chooses to negotiate for a rate, which the non-Federal entity may apply to do at any time.
- iv. *Modified Total Direct Cost (MTDC)* means all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel, and up to the first \$25,000 of each subaward (regardless of the period of performance of the subawards under the award). MTDC excludes equipment, capital expenditures, charges for patient care, rental costs, tuition remission, scholarships and fellowships, participant support costs and the portion of each subaward in excess of \$25,000. Other items may only be excluded when necessary to avoid a serious inequity in the distribution of indirect costs, and with the approval of the cognizant agency for indirect costs.
- v. **Note:** Please include \$3,000 in the budget for any travel undertaken by your project team that may be required by NRCS, such as conference travel. These funds can be part of the Federal portion, the applicant's matching funds, or a combination of both. Any additional travel required for completion of the project must be considered additional to this \$3,000.
- vi. As required in Title 2 of the Code of Federal Regulations Part 200, Subpart F Audit Requirements, all U.S. states, local governments, Federally recognized Indian tribal governments, and non-profit organizations expending \$750,000 or more in Federal award funds in a fiscal year must submit a Single Audit report for that year through the Federal Audit Clearinghouse's Internet Data Entry System.

j. Cost Share or Matching Funds.

Selected applicants may receive CIG grants of up to 50 percent of their total project cost. CIG recipients must provide a non-federal funding match or cost-share amount at least equal to the amount of federal funding requested. For example, if an applicant requests \$50,000 in CIG funding, at least \$50,000 in non-federal cost-share or matching funds must be committed by the applicant.

Applicants applying for the historically underserved set aside are only required to contribute 50% of the federal request as in-kind or cash match.

Matching funds may be committed by the applicant, project partners, or both and can be a combination of cash and in-kind contributions. Examples of in-kind contributions include work done by unpaid volunteers and donations of supplies, facilities, or equipment. In-kind contributions identified in the project budget must be quantifiable, verifiable, and necessary to accomplish program activities.

Cost sharing/matching must be committed at the time of application submission. Cost sharing or matching funds must meet the criteria stated at 2 CFR 200.306 and be valued in accordance with 2 CFR 200.306(d). Additional details about cost sharing or matching funds/contributions is located at 2 CFR 200.306.

All matching funds must be identified in both the SF-424a and budget narrative components of the application. Project partners (other than the applicant) must provide commitment letters for all cash and in-kind matching contributions. A separate commitment letter is required for each cash and/or in-kind match contribution. Commitment letters must be signed by the authorized organizational representative of the contributing organization and the applicant organization and must include: (1) the name, address, and telephone number of the project partner; (2) the name of the applicant organization; (3) the title of the project for which the contribution is made, (4) the dollar value of the contribution; and (5) a statement that the contributor commits to furnish the contribution during the grant period. A sample commitment letter is included as part of the application package on grants.gov.

Applications without signed written commitments covering the full value of the matching contribution are deemed incomplete and will be ineligible for award.

The value of applicant contributions to the project is established according to federal cost principles. Applicants should refer to [2 CFR 200.306](#) for additional guidance on matching funds, in-kind contributions, and allowable costs.

k. Grants.gov Lobbying Form, Certification and Disclosure of Lobbying Activities.

Under Title 31 of the United States Code, Section 1352, an applicant, or recipient must not use any federally appropriated funds (both annually appropriated and continuing appropriations) or matching funds under a grant or cooperative agreement award to pay any person for lobbying in connection with the award. Lobbying is defined as influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress connection with the award. Submission of an application also represents the applicant's certification of the statements in 2 CFR Part 418, Appendix A-Certification Regarding Lobbying. If you/your organization have/has made or agrees to make any payment using non-appropriated funds for lobbying in connection with this application AND the Federal share exceeds \$100,000, you must also complete and submit the SF LLL, Disclosure of Lobbying Activities located at 2 CFR 418, Appendix B. See 2 CFR 418.110 for more information on when additional submission of this form is required.

l. Negotiated Indirect Cost Rate Agreement (NICRA) (if applicable).

If charging indirect costs (including for cost share), upload the NICRA under Other Attachments (listed as an Optional form) in the Grants.gov Opportunity Application Package. See Section D for information regarding indirect costs.

m. Letters of support

Letters of support for the project from individuals or entities **that are not project partners** may be submitted and should be uploaded under Other Attachments (listed as an Optional form) in the Grants.gov Opportunity Application Package. Support letters from NRCS staff must not be submitted.

a. Disclosure of Potential Conflict of Interest

Applicants must disclose in writing any potential conflicts of interest.

Applicants must maintain written standards of conduct covering conflicts of interest and governing the performance of its employees in the selection, award, and administration of Federal awards. No employee, officer, or agent may participate in the selection, award, or administration of a Federal award if he or she has a real or apparent conflict of interest. Such a conflict of interest would arise when the employee, officer or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of the parties referenced, has a financial or other interest in or a tangible personal benefit from an applicant considered for a Federal award. The standards of conduct must provide for disciplinary actions to be applied for violations of such standards by officers, employees, or agents of the applicant.

If the applicant has a parent, affiliate, or subsidiary organization that is not a state, local government, or Indian tribe, the applicant must also maintain written standards of conduct covering organizational conflicts of interest. Organizational conflict of interest means that because of the relationships with a parent company, affiliate, or subsidiary organization, the applicant is unable or appears to be unable to be impartial in conducting a Federal award action involving a related organization.

Post Award Documentation. N/A

n. Unique entity identifier/DUNS and System for Award Management (SAM).

Each applicant (unless the applicant is an individual excepted from those requirements under 2 CFR 25.110(b) or (c), or has an exception approved by the Federal awarding agency under 2 CFR 25.110(d)) is required to: (i) Be registered in SAM before submitting its application; (ii) provide a valid unique entity identifier in its application; and (iii) continue to maintain an active SAM registration with current information at all times during which it has an active Federal award or an application or plan under consideration by a Federal awarding agency. The agency may not make a Federal award to an applicant until the applicant has complied with all applicable unique entity identifier and SAM requirements and, if an applicant has not fully complied with the requirements by the time the agency is ready to make an award, it may determine that the applicant is not qualified to receive a Federal award and use that determination as a basis for making a Federal award to another applicant.

Entities must obtain a DUNS or UEI and register in SAM prior to registering with Grants.gov. A description of each is below. Entities are strongly encouraged to apply early for their SAM registration.

System for Award Management (SAM) Registration: To register, go to: <https://www.sam.gov>. The Federal Service Desk is available for registration assistance and can be contacted via the Help tab at the website listed above.

Awarding agency staff cannot support applicants regarding DUNS/UEI or SAM issues.

The Government intends to replace the D-U-N-S® number with a “new, non-proprietary identifier” requested in, and assigned by SAM.gov. This new identifier is being called the Unique Entity Identifier (UEI), or the Entity ID. See [Planned UEI Updates in Grant Application Forms](#) for UEI updates.

5) Submission Dates and Times and Correspondence

Applicants must submit applications via Grants.gov. Applications must be received by 11:59 pm Eastern Time (ET) on April 14, 2022. An application submitted or resubmitted after the deadline is late (an application is considered on time at 11:59.59 pm ET, but it is late at 12:00 am ET). Late submissions will not be reviewed or considered.

Grants.gov will provide either an error or a successfully received transmission in the form of an email sent to the applicant with the Authorized Organizational Representative (AOR) role attempting to submit the application. The Grants.gov Support Center reports that some applicants end the transmission because they think that nothing is occurring during the transmission process; be patient and give the system time to process the application.

If you have trouble submitting an application to Grants.gov, you should FIRST contact the Grants.gov Help Desk to resolve any issues. Keep a record of any such correspondence. See section D(2) for Grants.gov contact information.

For applications successfully transmitted to Grants.gov before the deadline: The applicant with the AOR role who submitted the application will receive:

- an acknowledgement of receipt and a tracking number (GRANTXXXXXXXXX) from Grants.gov;
- an email with the official date/time stamp (this stamp is used to determine if the application was received prior to the deadline) and Grants.gov

When the agency successfully retrieves the application from Grants.gov and acknowledges the download of submissions, Grants.gov will also provide an electronic acknowledgment of receipt of the application to the applicant.

6) Intergovernmental Review

This funding opportunity is not subject to Executive Order 12372, “Intergovernmental Review of Federal Programs.”

7) Funding Restrictions

Funds may not be used to pay any of the following costs unless otherwise permitted by law, or approved in writing by the agency in advance of incurring such costs:

- a. Costs above the amount of funds authorized for the project;
- b. Costs incurred prior to the effective date of the award, including time spent applying for this opportunity;
- c. Costs which lie outside the scope of the approved project and amendments thereto;
- d. Entertainment costs, regardless of their apparent relationship to project objectives;
- e. Compensation for injuries to persons, or damage to property arising out of project activities;
- f. Consulting services performed by a Federal employee during official duty hours when such consulting services result in the payment of additional compensation to the employee;
- g. Capital expenditures for general purpose equipment, buildings, land and for improvements to land, buildings, or equipment which materially increase their value or

- useful life. See 2 CFR 200.439 for additional information.
- h. Management fees and profit. Any funds awarded to for-profit entities must be used for reimbursement of award related direct and indirect costs only;
 - i. Meals may be charged to an award only if they are necessary for the performance of the project. For instance, meals (normally only lunch) that are a necessary part of the costs of meetings and conferences (i.e., required attendance and continuity of a meeting), the primary purpose of which is the dissemination of information, are allowable, as are costs of transportation, rental of facilities, speakers' fees, and other items incidental to such meetings or conferences. Note: Meals consumed while in official travel status do not fall in this category. They are considered to be per diem expenses and should be reimbursed in accordance with the organization's established travel policies subject to statutory limitations or in accordance with Federal travel policies.
 - j. Costs normally charged as indirect costs may not be charged as direct costs without proper justification and agency approval. Proper justification includes documentation that the costs meet the criteria for allowability (see 2 CFR 200.403). Examples of such costs include rent, utilities, depreciation on buildings and equipment, the costs of operating and maintaining facilities, and general administration and general expenses, such as the salaries and expenses of executive officers, personnel administration, and accounting.
 - k. Salaries that are not commensurate with level of work: All costs must be reasonable to be allowable (CFR 200.403), and 2 CFR 200.404 defines a reasonable cost as one if, in its nature and amount, it does not exceed that which would be incurred by a prudent person under the circumstances prevailing at the time the decision was made to incur the cost. Salaries determined not to be reasonable compared to the level of work will be unallowable.

This list is not exhaustive. For additional information please refer to 2 CFR Part 200, subpart E, Cost Principals.

8) Indirect costs limitations

- a. To be eligible to recover any indirect cost under a Federal award, recipients must either 1) have a current negotiated indirect cost rate agreement (NICRA) with a Federal agency that has not expired; or 2) qualify for use of the de minimis rate authorized by 2 CFR 200.414(f). A State, local, or tribal governmental department or agency unit that receives more than \$35 million in direct Federal funding is not eligible for the de minimis rate.
- b. Applicants who have a current NICRA must calculate indirect costs using the rate and base specified in their NICRA. A recipient may voluntarily reduce or waive recovery of indirect costs at its sole discretion and must not be encouraged or coerced in any way to do so by the agency. A copy of the applicant's current NICRA must be provided with the application. Indirect costs may not be recovered under an expired NICRA.
- c. Recipients are prohibited from shifting unallowable indirect costs to another Federal awards unless specifically authorized to do so by legislation.
- d. If voluntarily reduced or waived, the recipient may choose to apply any unrecovered indirect costs as part of their cost share or match. Unrecovered indirect cost means the difference between the amount charged to the Federal award and the amount which

could have been charged to the Federal award under the recipient's approved negotiated indirect cost rate (2 CFR 200.306(c)).

- e. Applicants who are individuals applying for funds separate from a business or non-profit organization they may operate are not eligible to charge indirect costs to their award. If you are an individual applying for funding, do not include any indirect costs in your proposed budget.

E. APPLICATION REVIEW INFORMATION

1) Review and Selection Process

Applications will be screened for completeness and compliance with the provisions of this notice. Incomplete, noncompliant, and/or applications not meeting the formatting criteria may be eliminated from competition. In that event, the agency will send notification of elimination to the applicant. The agency intends to select and award without conducting any discussions with the applicant or allowing applicants to correct deficiencies or omissions in their applications. Consequently, applicants must ensure their applications are complete and accurate. However, while the agency intends to select and award without contacting applicants, it reserves the right to request applicants to revise their applications to correct deficiencies or omissions it identifies. If this occurs, the agency will conduct discussions with all applicants, identify deficiencies and omissions for all, and give applicants an opportunity to submit a revised application by a common cut-off date. The agency may also contact individual applicants to clarify certain components of their applications.

Applications that pass the initial screening are then evaluated using a two-part process:

- Technical peer review panels composed of subject matter experts evaluate the proposal against the CIG Proposal Merit Criteria. The technical peer review panels forward their recommendations to the State Conservationist.
- The State Conservationist makes the final award selections based on the recommendations of the peer review panels.

Merit/technical reviews will be conducted by a technical review board nominated by the approving official. Risk reviews will be conducted by the FPAC Business Center, Grants and Agreements Division. The approving official will make the final award decisions. The approving official for this opportunity is the State Conservationist.

2) Merit/Technical Criteria

The technical peer review panels use the following criteria, using a 100-point scale, to evaluate applications. These criteria will be applied to the whole project, including federal and non-federally funded parts:

- a. Purpose, Approach, and Goals (25 points)
 - i. The purpose of the project is clearly explained, the goals and objectives are clearly stated, and the rationale is explicit for why the innovative approach or technology is needed.
 - ii. The design and implementation of the project is based on sound methodology and demonstrated technology;
 - iii. The project outcomes are stated, measurable, and likely to be achieved; and

- iv. Both beneficial and adverse impacts are considered, and a significant level of improvement will be achieved.
- b. Innovative Technology or Approach (25 points)**
 - i. The project is regionally or locally innovative to the criteria for innovation (see [section A. 3](#); and
 - ii. The application describes the compelling need for the innovative technology or approach.
- c. Project Management (25 points)**
 - i. Timeline and milestones are clear and reasonable;
 - ii. Project staff has necessary technical and administrative expertise;
 - iii. The budget is adequately explained and justified, and expenses are allowable, allocable, and reasonable; and
 - iv. Proposal includes robust partnership with entities that can substantially assist with delivery of project outcomes with clear project management structure and team communication laid out.
- d. Benefits and Transferability (25 points)**
 - i. An evaluation plan is documented that clearly lays out how project work will be assessed, and the results transferred;
 - ii. There is potential for producers and landowners to use or participate in the innovative technology(s) or approach(s);
 - iii. There is potential for organizations to benefit from the innovative approach or methods, including (if appropriate) the development of materials such as technical standards, technical notes, handbooks, technology tools, etc.;
 - iv. There is potential to transfer the approach or technology to a broader audience or to other geographic areas or agricultural sectors; and
 - v. There is potential for successful transfer, through planned project activities, to historically underserved producers and communities; rural communities; and/or municipalities.

Partner matching contributions are considered an eligibility criterion as described in [Section C 3](#) of this notice and therefore are not listed in the merit criteria.

3) Administrative and Risk Criteria

Notice of selection after merit/technical evaluation does not guarantee that an applicant will receive an award. Following notification of selection for funding (see Section F), the FPAC Business Center, Grants and Agreements Division's staff conducts a final administrative and risk review of those applications. The administrative review includes, but is not limited to, a check to ensure that NFO requirements were met (e.g., applicant meets eligibility criteria, application was submitted via Grants.gov by the established deadline), and proposed costs are allowable, allocable, and necessary. During this process, it may be necessary to request further documentation from the applicant (e.g., organizational information as part of the risk assessment, more detail regarding proposed costs).

In addition, to comply with the requirements at 2 CFR 200.205, the agency will follow, at a minimum, the risk review process described below (additional steps may be taken).

The awarding agency will check SAM to ensure the applicant is not suspended or debarred, which would preclude receiving an award. In addition, prior to making a Federal award with a total Federal share greater than the simplified acquisition threshold (\$250,000), the agency

must review and consider any information about the applicant that is in the designated integrity and performance system accessible through SAM (the Federal Awardee Performance Integrity Information System, FAPIIS) (see 41 U.S.C. 2313 and 2 CFR 200.206(a)).

An applicant must meet the following standards to be considered for award:

- a. **Financial Stability.** The applicant maintains an adequate financial resources or cash flow to meet its financial obligations on a routine basis in order to successfully complete any agreement it may be awarded.
- b. **Quality of Management Systems and Ability to meet Management Standards** prescribed in 2 CFR Part 200. The applicant has a financial management system adequate to segregate and track federal funds. It has adequate systems in place for proper agreement administration; compliance with the standards outlined in 2 CFR Part 200 Section D for procurement, property, and records management; and required financial and performance reporting.
- c. **History of Performance.** If the applicant has previously obtained Federal financial assistance award, it has never failed to materially comply with the Federal award terms and conditions and further that it has never had an award terminated on that basis.

Submission of an application constitutes certification that an applicant meets these standards (items a. through c. above). The agency may request documentation to substantiate the certification. Based on risk assessment, the agency may impose specific award conditions in accordance with 2 CFR 200.208.

4) Awards Over the Simplified Acquisition Threshold (if applicable)

- a. Prior to making a Federal award with a total Federal share greater than the simplified acquisition threshold (\$250,000), the agency must review and consider any information about the applicant that is in the designated integrity and performance system accessible through SAM (the Federal Awardee Performance Integrity Information System, FAPIIS) FAPIIS is a federal database intended to serve as a government-wide source of information about the prior performance and compliance of federal procurement contractors, grantees, and cooperative agreement holders (see 41 U.S.C. 2313 and 2 CFR 200.206(a));
- b. An applicant may review information in FAPIIS accessible through SAM and comment on any information about it that a Federal awarding agency previously entered;
- c. The agency will consider any comments by the applicant, in addition to the other information in FAPIIS, in making a judgment about the applicant's integrity, business ethics, and record of performance under Federal awards when completing the review of risk posed by applicants as described in 2 CFR 200.206, Federal awarding agency review of risk posed by applicants.

F. FEDERAL AWARD ADMINISTRATION INFORMATION

1) Federal Award Notices

The agency will provide notice that an application has been selected before it actually makes the Federal award. As such, the selection notification is not an authorization to begin performance. Any pre-award costs incurred by the awardee will not be reimbursed. The Notice of Grant and Agreement Award (ADS-093) signed by the authorized agency official is the only

authorizing document and will be provided electronically to the entity's authorized official for signature.

Both successful and unsuccessful applicants will be notified of the award decision via letter.

2) Administrative and National Policy Requirements

All project funds will be used in accordance with 2 CFR Part 200 and the General Terms and Conditions, which are available at the following website:

<https://www.fpacbc.usda.gov/about/grants-and-agreements/award-terms-and-conditions/index.html>.

Projects performed pursuant to this opportunity may be subject to the National Environmental Policy Act (NEPA). If applicable, NRCS must work with awardees to complete an environmental review of each awarded project before project commencement. In addition, prior to any ground-disturbing activities related to NRCS funding, the awardee must work with NRCS staff to complete an environmental evaluation (EE) related to those activities. Awardees may be required to prepare or pay for preparation of an environmental assessment (EA) or environmental impact statement (EIS), should any environmental review find that an EA or EIS is required.

In addition, a National Historic Preservation Act (NHPA), Section 106 review and consultation by an NRCS State or area office with consulting parties (such as the pertinent State Historic Preservation Officer and federally recognized Indian Tribes) may be required prior to the implementation of project activities that have the potential to impact cultural resources. NHPA Section 106, its implementing regulations (36 CFR Part 800), and other related authorities, require Federal agencies to determine if a project has the potential to cause an effect to historic properties and, if so, if they are adverse and how the effects may be addressed. The NHPA review and compliance in accordance with section 106 of NHPA and implementing regulations at 36 CFR Part 800 must be completed by NRCS and applicants may be required to pay for any cultural resource surveys needed for NRCS to assess WMBP project effects. More information on the applicant's role in the NHPA Section 106 process can be found on the Advisory Council on Historic Preservation website at <https://www.achp.gov/digital-library-section-106-landing/section-106-applicant-toolkit>.

Consultation with the U.S. Fish & Wildlife Service and/or the National Marine Fisheries Service under the Section 7 of the Endangered Species Act (ESA) is also required for projects that may affect listed or proposed species or destroy or modify critical habitat. The ESA consultation in accordance with Section 7 of the ESA and implementing regulations at 50 CFR Part 402 must be completed by NRCS prior to the implementation of project activities that have the potential to impact species or habitat protected under the ESA. More information on the Section 7 consultation process can be found at:

<https://www.fws.gov/endangered/what-we-do/consultations-overview.html>.

3) Patents, Inventions, and Copyrights

Allocation of rights to patents, inventions, and copyrights shall be in accordance with 2 CFR Part 200. This regulation provides that small businesses normally may retain the principal worldwide patent rights to any invention developed with USDA support. In accordance with 2 CFR Part 200, this provision will also apply to commercial organizations for the purposes of CIG. USDA receives a royalty-free license for federal use, reserves the right to require the

patentee to license others in certain circumstances, and requires that anyone exclusively licensed to sell the invention in the United States must normally manufacture it domestically. With regard to copyright, the grant recipient may copyright any work that is subject to copyright and was developed, or for which ownership was acquired, under an award. USDA reserves a royalty-free, nonexclusive, and irrevocable right to reproduce, publish, or otherwise use the work for federal purposes and to authorize others to do so.

All tools produced must meet the accessibility of Electronic and Information Technology (EIT) requirements as specified in Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d) as amended by the Workforce Investment Act of 1998 (P.L. 105-220). Specifically, subsection 508(a)(1) requires that when the federal government procures EIT, it must allow federal employees and individuals of the public with disabilities comparable access to and use of information and data that is provided to federal employees and individuals of the public without disabilities. All EIT that is subject to the 36 CFR 1194 standards will have a Section 508 acceptance test and will be validated upon acceptance. All maintenance for EIT that requires upgrades, modifications, installations, and purchases will adhere to the Section 508 standards and 36 CFR 1194. Get in touch with the [administrative contact](#) of this NFO with specific questions with regard to the applicability of this section.

4) Reporting

Reporting will follow the guidelines included in the agency's General Terms and Conditions, which are available at the following website: <https://www.fpacbc.usda.gov/about/grants-and-agreements/award-terms-and-conditions/index.html>.

If the Federal share of any agreement awarded under this opportunity notice may include more than \$500,000 over the period of performance, recipients must also comply with the post award reporting requirements reflected in Appendix XII of 2 CFR Part 200 — Award Term and Condition for Recipient Integrity and Performance Matters.

Applicants that receive awards pursuant to this opportunity and any sub awardees must comply with the reporting requirements described at 2 CFR Part 170 unless an exception applies. Applicants must ensure they have the necessary processes and systems in place to comply with those requirements. A list of exceptions can be found at 2 CFR 170.110(b).

Reporting details are included in the fully executed grant agreement. Reporting will generally include electronic submission of semiannual progress reports, annual financial status reports, and final reports.

G. FEDERAL AWARDING AGENCY CONTACT

For questions regarding this opportunity, please contact the following individuals with the NFO number in the subject line:

Name: Brian Queen

Grants Management Specialist

FPAC Business Center

Email: Brian.Queen@usda.gov with a copy to FPAC.BC.GAD@USDA.GOV

H. OTHER INFORMATION

- 1) Questions regarding this opportunity must be submitted to the Federal Awarding Agency Contact identified above via email with the NFO number in the subject line.
- 2) For technical issues with Grants.gov, please contact Grants.gov Applicant Support at 1-800-518-4726 or support@grants.gov. Awarding agency staff cannot support applicants regarding Grants.gov accounts.
- 3) **Freedom of Information Act (FOIA)**
Applications are considered confidential information. Applications are not shared with individuals or entities seeking public disclosure through the Freedom of Information Act (FOIA) without the consent of the applicant. More specifically, Executive Order 12600 and USDA FOIA regulation 7 CFR Part 1, Subpart A requires the awarding agency to provide notice to applicants that a third party has requested copies of their business information and requires the awarding agency to consult with applicants regarding the releasing their records.
- 4) **Government Obligation**
The Federal Government is not obligated to make any Federal award as a result of this opportunity. Only authorized federal officials can bind the Federal Government to the expenditure of funds.
- 5) **National Component**
The USDA NRCS CIG program has two components – the “National Competition” and the “State Competition.” This announcement is for the “State Competition” component. More information about the National Competition is available [here](#).
- 6) Any award made pursuant to this NFO may be executed in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

U.S. Department of Agriculture Non-Discrimination Statement

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotope, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at <https://www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer> and at any USDA office or write a letter addressed to

USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call: (866) 632-9992.

Submit your completed form or letter to USDA by:

- (1) mail:
U.S. Department of Agriculture
Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410;
- (2) fax: (202) 690-7442; or
- (3) email: program.intake@usda.gov.

USDA is an equal opportunity provider, employer, and lender.

APPENDIX A
APPLICATION PACKAGE CHECKLIST

Important: Proposals Missing Any of These Required Items Will Not Be Considered

PROPOSAL

☐

1. Project Abstract: (one page maximum)

☐

2. Project Narrative: (16 pages maximum)

- a. Cover Page (Mandatory. 1-page maximum included in 16-page limit for narrative.)
 - i. Applicant entity name
 - ii. Project title
 - iii. Proposed Start/End Date and duration of project in months
 - iv. Amount of Federal funding requested
 - v. Amount of non-Federal cost-share/match funding committed
 - vi. Project contacts: One technical and one administrative
 - vii. Geographic location of the project
 - viii. State priority being addressed
 - ix. Declaration of historically underserved (if applicable)
 - x. Statement of innovation
- a. Project background
- b. Project goals/objectives
- c. Project design and methods
- d. Project outcomes and benefits
- e. Geographic location and size of project area (include a map if possible)
- f. EQIP-eligible producer participation
- g. Project deliverables/products
- h. Project action plan and timeline
- i. Project management
- j. Project transferability (technology transfer)
- k. Project evaluation

- ☐ **3. References/citations (if applicable)**
- ☐ **4. Team Qualifications**
- ☐ **5. Assessment of Environmental Impacts**
- ☐ **5. Declaration of Previous CIG Awards (if applicable)**
- ☐ **6. Declaration of Historically Underserved (if applicable)**

BUDGET INFORMATION

- ☐ **7. Standard Form (SF) 424, “Application for Federal Assistance”**
- ☐ **8. Completed SF-424A, “Budget Information – Non-Construction Programs”**
- ☐ **9. Detailed Budget Narrative with Table (see example in Appendix B); Maximum 12 pages**
- ☐ **10. Indirect Costs:** Submit documentation of a federally approved indirect cost rate (NICRA), a previous de minimis rate agreement, or a request to establish a de minimis rate agreement ([section IV\(B\)\(9\)](#)).
- ☐ **11. Letters of Commitment for Project Match (see template in Appendix C):** (required for projects with matching funds coming from a third party). Submit signed commitment letters of matching support from each non-Federal third party providing matching funds. Include both cash and in-kind commitments.

OTHER

- ☐ **12. Certification Regarding Lobbying**
- ☐ **13. Negotiated Indirect Cost Rate Agreement: (if applicable)**
- ☐ **14. Letters of Support: (optional)**

APPENDIX B - Budget Narrative Guidance

All costs must comply with the cost principles of 2 CFR Part 200, [Subpart E – Cost Principles](#). All costs (both Federal and any required non-Federal cost-sharing/match) that are part of an award must be:

- allowable ([2 CFR 200.403](#)),
- allocable to the agreement ([2 CFR 200.405](#)), and
- reasonable in amount ([2 CFR 200.404](#)).

A thorough budget narrative will aid the administrative review and processing of a recommended award. Amounts included in a budget and budget narrative are estimates; in the event of an award, payments will be based on actual expenditures. The following is guidance for your use in preparing a thorough budget narrative. The guidance follows the order of the budget items.

COST-SHARING/MATCHING: If required, you must provide the information below for the Federal portion of costs and *separately* provide the information below with the same level of detail for the cost-sharing/matching portion, as applicable, as part of the budget narrative.

PERSONNEL – Only include employees of applicant organization

This category includes salaries and wages of personnel of the applicant organization (i.e., employees) that will be working directly on the project. For each individual, identify their role and describe their contributions to the project. Also include their annual salary, percent of effort, and the period of time they will contribute to the project along with the associated funds requested for support. The following format is an appropriate way to provide the information.

Mr. Jones – Project Director. Accountable for assuring that all project activities are carried out in a timely, cost-efficient and responsible manner. He will provide oversight of daily activities and lead and direct the project toward accomplishment of the objectives of the project. He is responsible for the submission of the required reports.

Salary	% effort	Project Duration	Funds Requested
\$50,000	25%	12 months	\$12,500

FRINGE BENEFITS – Only related to salaries identified under Personnel

Fringe benefits include, but are not limited to, the costs of leave (e.g., vacation, family-related, sick or military), employee insurance, pensions, and unemployment benefit plans. Also, see [2 CFR 200.431](#), Compensation-Fringe Benefits. Provide information about how fringe benefits are determined along with the amount requested.

For instance:	Amt. Requested
Fringe benefits - 25% of salaries and wages (\$12,500 @ 25%).	\$3,125

TRAVEL

Refer to your organization's travel policy for guidance on how to arrange travel. If your organization lacks a policy, it is expected that you follow the U.S. federal government policy, see <http://www.gsa.gov/federaltravelregulation>.

For the budget narrative, identify the total funds requested for travel. Provide as much detail as possible including purpose, destination, dates of travel, and number of individuals for each trip. If the dates of travel are not known, specify estimated length of trip. Identify what will be followed (e.g., organizational travel policies or government per diem rates). The following are a few examples of how to provide the information.

- 2 people - travel to Washington D.C. once per year for a two-day meeting [identify purpose of meeting].
 - Airfare \$800 x 2 for airfare = \$1,600
 - Airport parking = \$64
 - Hotel for 3 nights x 2 @ \$200 = \$1,200
 - Meals for 2 days x 2 = \$24;
 - Rental car for 3 days @ \$110/day = \$330
 - Total for trip: \$3,439
- Local travel for project manager is calculated at .50 per mile throughout primary service area x 326 miles/month x 12 months = \$1,956.

EQUIPMENT

Equipment is defined as an item of property that has an acquisition cost of \$5,000 or more (unless the organization has established lower levels) and an expected service life of more than one year. List each item of equipment along with the applicable cost. Include justification of its need in accomplishing the goals of the project.

Example: To complete objectives #1 and #2, Refrigerated Trailer is required. XYZ Refrigerated Trailer, Model #123, at \$5,555

These costs should only include the costs to purchase new equipment. The cost of renting or leasing equipment is not to be included in this category but instead, include under the Contractual category. If equipment is costly, include a lease vs purchase comparison in the budget narrative in support of route chosen.

SUPPLIES

Supplies is defined in [2 CFR 200.1](#) as all tangible personal property other than those described in [2 CFR 200.1](#) Equipment. A computing device is a supply if the acquisition cost is less than the lesser of the capitalization level established by the non-Federal entity for financial statement purposes or \$5,000, regardless of the length of its useful life. Suggest also viewing [2 CFR 200.453](#), Materials and Supplies Costs, Including Costs of Computing Devices, regarding the allowability of costs.

Indicate general categories of expendable supplies including an amount for each category. Caution: If a category is viewed as too general or the associated amount is too high, further itemization may be requested. Therefore, use good judgement in determining the level of detail to provide.

Example: General office supplies \$50/mo. x 12 mo. =	\$600
Postage \$37/mo. x 8 mo. =	\$296
Laptop Computer 1 x \$900 =	\$900
Printer 1 x \$300 =	\$300
Projector 1 x \$900 =	\$900
Copies 8000 copies x .10/copy =	\$800

CONTRACTUAL

This category includes consultants, subcontracts, etc.

Consultants -- List the total costs for all consultant services. Identify each consultant, the services he/she will perform, total number of days, rate of pay, travel costs, per diem, and total estimated costs.

Contract -- A contract is defined in [2 CFR 200.1](#) as a legal instrument by which a non-Federal entity purchases property or services needed to carry out the project or program under a Federal award. The term as used in this part does not include a legal instrument, even if the non-Federal entity considers it a contract, when the substance of the transaction meets the definition of a Federal award or subaward (see §200.1 Subaward).

Explain the need for each agreement and how their use will support the purpose and goals of the project. For each contract, describe the associated activities, scope of work or services to be provided and how the costs were estimated. If budgeting for a procurement action, document if a solicitation process has occurred or if the contract will be a sole source.

Example:

- ABC Company: Training \$250/individual x 3 staff 5 days = \$ 750
- Amy White to provide Technical Assistant Services
 - 1FTE @ \$25,000 + 20% Fringe Benefits of \$5,000 = \$30,000
 - Travel at 2,000 miles @ .50 per mile = \$ 1,000
 - Training course \$ 175

Supplies @ \$42.50 x 12 months =	\$ 510
Telephone @ \$40 x 12 months =	<u>\$ 480</u>
	\$32,165

- John Doe, Consultant \$40 per hour x 220 hours for 12 month period = \$ 8,800
- To Be Announced Outreach Coordinator Annual salary \$30,000 x 10% level of effort/12 months = \$ 3,000

CONSTRUCTION

Construction efforts are to be included under this category with the same level of detail as described under the “Other” category below.

OTHER

Costs not fitting under one of the other categories are to be included under this category. The level of detail is to be commensurate with other categories. Subawards should be included in this category. Per [2 CFR 200.1](#), a subaward is an award provided by a pass-through entity to a subrecipient for the subrecipient to carry out part of a Federal award received by the pass-through entity. It does not include payments to a contractor or payments to an individual that is a beneficiary of a Federal program. A subaward may be provided through any form of legal agreement, including an agreement that the pass-through entity considers a contract.

Example: Outreach Workshop

Rental of facilities (\$750/2 days)	\$1,500
Information technology services	\$ 400
Training packets (approx. 125/\$40 each)	<u>\$5,000</u>
Total	\$6,900

Note: Percentage for contingencies is not an allowable cost.

INDIRECT

[2 CFR 200.1](#) defines *Indirect (F&A) costs* as those costs incurred for a common or joint purpose benefitting more than one cost objective, and not readily assignable to the cost objectives specifically benefitted, without effort disproportionate to the results achieved. To facilitate equitable distribution of indirect expenses to the cost objectives served, it may be necessary to establish a number of pools of indirect (F&A) costs. Indirect (F&A) cost pools must be distributed to benefitted cost objectives on bases that will produce an equitable result in consideration of relative benefits derived.

This cost category guidance includes several components:

- Calculation (This is to be included as part of the budget narrative)
- Indirect Cost Rates
 - Negotiated Rate
 - 10% De Minimis Rate
- Limitation (i.e., indirect cost cap)

- Unrecovered Indirect Costs for Cost-sharing/Match
- Voluntarily Reduce/Waive

Calculation.

If indirect costs are requested as part of the proposed budget, you must provide details used in determining the indirect costs requested. For instance, provide the calculation specifying the amounts used in applying the base (the base specified in the applicable rate agreement) by the applicable rate (see indirect cost rate info below as well as Limitation section). The calculation can be displayed in different formats but must capture the components (i.e., amounts used in applying the base and the applicable rate).

EXAMPLE 1: For purposes of this example, the recipient uses the 10% de minimis indirect cost rate (10% of Modified Total Direct Cost (MTDC)). MTDC means all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel, and up to the first \$25,000 of each subaward. MTDC excludes equipment, capital expenditures, charges for patient care, rental costs, tuition remission, scholarships and fellowships, participant support costs and the portion of each subaward in excess of \$25,000.

	<u>Budget</u>	<u>Indirect Eligible Amounts</u>
Salaries and wages	\$50,000	\$50,000
Materials and supplies	3,000	3,000
Equipment	5,500	-0-
Subaward	30,000	<u>25,000</u>
		\$78,000 x 10% = \$7,800 Indirect Costs

EXAMPLE 2: For purposes of this example, the recipient has a Negotiated Indirect Cost Rate Agreement (NICRA) of 20% with a base of salaries and fringe benefits.

	<u>Budget</u>	<u>Indirect Eligible Amounts</u>
Salaries and wages	\$50,000	\$50,000
Fringe Benefits	10,000	10,000
Materials and supplies	3,000	-0-
Equipment	5,500	-0-
Subaward	30,000	<u>-0-</u>
		\$60,000 x 20% = \$12,000 Indirect Costs

Indirect costs may only be recovered if the non-Federal entity has one of the following indirect cost rates.

1. **Negotiated Rate:** If the organization has a *current* NICRA established with the cognizant Federal agency (the agency that provides the most funds to the organization), then

provide a copy of the NICRA; expired rates are not acceptable. If unable to obtain a current negotiated rate from the cognizant agency, you are permitted to opt to use the 10% de minimis cost rate (you may only be reimbursed for allowable direct cost). Violation of cost accounting principles is not permitted when re-budgeting or charging costs to awards. Rather, costs must be consistently charged as either indirect or direct costs. Along with a copy of the NICRA, include the rate and base as part of the budget narrative.

Example: Rate 24.87% of MTDC - 24.87% applied to the following items: \$97,300 of Personnel, \$23,352 of Fringe, \$110,000 of other, and the first \$25,000 of three (3) subawards = \$76,015.65 indirect costs

- 2. 10% De Minimis Cost Rate:** In accordance with [2 CFR 200.414\(f\)](#), any non-Federal entities, unless excepted, may elect to forgo calculation of an indirect cost rate and request a 10% de minimis indirect cost rate. The 10% de minimis rate is applied to modified total direct costs (MTDC). For this purpose, MTDC means total direct costs related to the award, such as direct labor, fringe benefits, materials and supplies, publications, consultant services and travel costs. MTDC excludes the following costs: equipment, capital expenditures, participant support costs and the portion of each subaward and subcontract in excess of \$25,000. Violation of cost accounting principles is not permitted when charging costs to awards. Rather, costs must be consistently charged as either indirect or direct costs.

If the 10% de minimis option is chosen, it must be used consistently for all Federal awards until such time you choose to negotiate for a rate, which you may apply to do at any time. If the organization previously opted for the de minimis rate, a copy of the rate agreement must be provided. If the organization is currently electing the de minimis rate, use an indirect cost rate of no more than 10% of MTDC when preparing the budget. If selected for award, a de minimis rate agreement will be executed along with the award, as appropriate.

Example: Rate 10% of MTDC – 10% applied to the following items: \$45,000 of Personnel, \$10,800 of Fringe, and \$59,000 of Other = \$11,480 indirect costs

Limitation: Some programs may not allow the recovery of indirect costs. In such instances, the limitation flows down to subcontractors. Refer to the applicable notice of funding opportunity to determine if indirect costs are unallowable.

USDA appropriation acts limit indirect costs to 10 percent for cooperative and contribution agreements with nonprofit entities; for purposes of this limitation “nonprofit entities” includes institutions of higher education. For agreements subject to this limitation first apply the 10 percent indirect cost rate to the agreement’s total direct costs; this is shown on line 6.i of the SF424A. Then calculate indirect costs using the rate and the direct cost application base specified in the recipient’s NICRA. Use whichever rate results in the lower amount.

If the organization has a NICRA, both the NICRA calculation and the 10% TDC must be completed in order to determine the lesser (i.e., maximum allowed indirect costs) for the applicable project.

Calculation instructions: First, multiply the NICRA rate by the base stated in the NICRA to arrive at Amount A. Next, multiply the statutory limit of 10% by TDC to arrive at Amount B. The lower of Amount A and B is the maximum amount of allowable indirect cost, therefore include this amount on the budget.

Unrecovered Indirect Costs for Cost-sharing/Match: 2 CFR 200.306(c) provides,

“Unrecovered indirect costs, including indirect costs on cost sharing or matching may be included as part of cost sharing or matching only with the prior approval of the Federal awarding agency. Unrecovered indirect cost means the difference between the amount charged to the Federal award and the amount which could have been charged to the Federal award under the non-Federal entity's approved negotiated indirect cost rate.”

Voluntarily Reduce/Waive: A recipient may voluntarily reduce or waive recovery of indirect costs at its sole discretion and must not be encouraged or coerced in any way to do so by the agency. If organizations waive indirect cost recovery and request only direct costs, the organization is required to include in the award budget only those types of costs consistently treated as direct costs by the organization.

SAMPLE BUDGET NARRATIVE

NAME OF AWARDEE

Project Title

PROJECT TOTAL: \$XXX

Federal Portion: \$XXX

Non-Federal Contribution: \$XXX

A. FEDERAL BUDGET:

1. Personnel

Tom Smith, Project Director, full time, 70% paid by Federal Funds, will advise the project team, assist with demonstration plot establishment, data collection and analysis, and participate in project field days.

Year 1: \$5,000 Year 2: \$5,000 Year 3: \$10,000

Mary Johnson, research technician, 20% time (6 calendar months) for 3 years, 67% paid by Federal funds. Establish the field and demonstration plots, function as the project manager, coordinate sub-award work, draft reports and publications, and participate in all project field days.

Year 1: \$5,000 Year 2: \$5,000 Year 3: \$10,000

2. Fringe benefits

67% fringe benefits paid by Federal funds. Fringe benefits rates are 35% for faculty and permanent staff.

Total Fringe Benefits:

Year 1: \$1,500 Year 2: \$1,500 Year 3: \$3,000

3. Travel

Funds are requested to support travel for plot preparation and data collection trips, and travel to four field days within the States of New York and Pennsylvania. Estimated 5,000 miles per year at a rate of \$0.60/mi.

Year 1: \$3,000 Year 2: \$3,000 Year 3: \$3,000

Funds are requested for overnight hotel stays at demonstration plot locations at the State hotel rate of \$90 per night, 4 times per year (\$360/yr).

Year 1: \$360 Year 2: \$360 Year 3: \$360

Funds are requested in the second and third year for three individual trips each year to scientific conferences based on the following estimates: Lodging - 3 nights $\times$ \$150 per night (\$450); Per-diem \$50/day $\times$ 4 days (\$200); Transportation: Airline travel to conference location - \$400/flight + ground transportation - \$50 + parking at airport - \$30 (\$480).

Year 2: \$3390 Year 3: \$3390

Total Travel:

Year 1: \$3,360 Year 2: \$6,750 Year 3: \$6,750

4. Equipment – none

5. Supplies

Field and lab supplies: Funds are requested for the purchase of soil temperature and moisture probes and data logging systems (\$2,000). Funds are also requested to purchase weed suppression technologies, seeds, and irrigation supplies for field plots (\$6,000). Funds are also requested for various lab supplies and sampling equipment (\$3,000).

Total Supplies:

Year 1: \$4,000 Year 2: \$4,000 Year 3: \$3,000

6. Contractual

Two separate contractors:

Contract with Amazing Graphics and Marketing (\$5,000)

Marketing team will use innovative digital marketing tools to reach producers and help gain interest. Team will develop graphics and video production to support program recruitment and teaching tools.

Contract with Innovative Technology (\$16,000)

Contractor will help develop online tools to assist producers with conservation practices.

Total Contractual:

Year 1: \$7,000 Year 2: \$7,000 Year 3: \$7,000

7. Construction - None requested

8. Other

Sample Testing & Analysis: Basic nutrient testing and soil health testing will be done annually for all plots. Roughly 20 samples a year at \$250/sample (\$5,000/year).

Publication Costs: Funds are requested for the development and publication of various materials including extension publications, costs associated with peer reviewed journals, in addition to costs associated with copies of brochures made in house. (\$1,000/year)

Total Other Costs:

Year 1: \$6,000 Year 2: \$6,000 Year 3: \$6,000

9. Indirect Costs – Note if NICRA negotiated or if it is the 10% De Minimis rate

Attached to this proposal is a NICRA negotiated rate agreement for 15%.

Total Indirect Costs:

Year 1: \$5,000 Year 2: \$5,000 Year 3: \$8,000

B. NON-FEDERAL BUDGET:

1. Personnel

Tom Smith, Project Director, full time, 30% paid by non-Federal funds, will advise the project team, assist with demonstration plot establishment, data collection and analysis, and participate in project field days.

Year 1: \$3,000 Year 2: \$3,000 Year 3: \$3,000

Mary Johnson, research technician, 20% time (2.5 calendar months) for 3 years, 33% paid by non-Federal funds. Establish the field and demonstration plots, function as the project manager, coordinating sub-award work, drafting reports and publications, and participating in all project field days.

Year 1: \$5,000 Year 2: \$5,000 Year 3: \$5,000

Total Personnel:

Year 1: \$8,000 Year 2: \$8,000 Year 3: \$8,000

2. Fringe benefits

33% fringe benefits paid by non-Federal funds. Fringe benefits rates are as follows: 35% for faculty and permanent staff.

Total Fringe Benefits:

Year 1: \$1,000 Year 2: \$1,000 Year 3: \$1,000

3. Equipment

Field equipment rental. This is match donated by the partner community groups (see in-kind letter). Will provide all farming equipment (tools, planters, harvesters) for on-farm demonstrations.

Year 1: \$2,000 Year 2: \$500 Year 3: \$500

Total Equipment:

Year 1: \$2,000 Year 2: \$500 Year 3: \$500

4. Supplies - none

5. Contractual

Contract with Super Non-Profits (\$61,000)

Personnel:

Elizabeth Smith will oversee the outreach to farmers. She will devote 20% of her time all 3 years of the project. 100% of her time will be non-Federal. She will oversee all elements of this part of the project, including contacting and recruiting farmers, organizing outreach events such as field days, and on-farm assistance.

Temporary half-time admin support to help support program facilitation.

Other:

Workshop rental space will be donated by contractor, with an estimated value of \$100 per day.

Year 1: \$18,000 Year 2: \$20,000 Year 3: \$23,000.

Soil Conservation District

The local soil and water conservation district will support the project by helping to build partner relationships with local producers.

Year 1: \$5,000 Year 2: \$5,000 Year 3: \$5,000

Total Contractual:

Year 1: \$23,000 Year 2: \$25,000 Year 3: \$28,000

6. Construction - None requested

7. Other Costs:

General services (web development, printing, accounting, administrative, and project management) \$5,000.

Land rental – demonstration plots on farmer land will have a rental cost of \$50/acre/year totaling \$1,500 annually.

Legal Fees: Community support groups will pay all legal fees regarding the research of any legal implications on the project. \$4,000.

Total Other:

Year 1: \$6,000 Year 2: \$1,500 Year 3: \$1,500

8. Indirect Costs – Note if NICRA negotiated or if it is the 10% De Minimis rate

15% NICRA indirect rate applied, see NICRA agreement

Total Indirect Costs:

Year 1: \$5,000 Year 2: \$8,000 Year 3: \$8,000

Sample Budget Table

Including a budget table can help us quickly understand your project spending. Please ensure that if you include a budget table, individual line items and amounts exactly match the information and dollar amounts provided in your narrative. *A budget table is supplementary to your budget narrative. Please ensure all items included are well-supported by your narrative.*

FEDERAL BUDGET						
		Year 1	Year 2	Year 3		Total
	Personnel	\$10,000	\$10,000	\$20,000		\$40,000
	Joe Smith	\$5,000	\$5,000	\$10,000		\$20,000
	Willette Rogers	\$5,000	\$5,000	\$10,000		\$20,000
	Fringe	\$1,500	\$1,500	\$3,000		\$6,000
	Joe Smith Fringe	\$1,000	\$1,000	\$2,000		\$4,000
	Willette Rogers Fringe	\$500	\$500	\$1,000		\$2,000
	Travel	\$3,360	\$3,360	\$6,750		\$16,860
	Plot prep and data collection	\$3,000	\$3,000	\$3,000		\$9,000
	Demo plot overnight trips	\$360	\$360	\$360		\$1,080
	Supplies	\$4,000	\$4,000	\$3,000		\$11,000

	40 bales of straw	\$3,000	\$3,000	\$2,000		\$8,000
	2 soil moisture sensors	\$1,000	\$1,000	\$1,000		\$3,000
	Contractual	\$7,000	\$7,000	\$7,000		\$21,000
	Acme Consulting, LLC	\$7,000	\$7,000	\$7,000		\$21,000
	Other	\$6,000	\$6,000	\$6,000		\$18,000
	Testing and analysis	\$5,000	\$5,000	\$5,000		\$15,000
	Publication and copying	\$1,000	\$1,000	\$1,000		\$5,000
	Indirect	\$5,000	\$5,000	\$8,000		\$18,000
	See NICRA (X%)	\$5,000	\$5,000	\$8,000		\$18,000
	TOTAL	\$36,860	\$36,860	\$53,750		\$129,470
	NON-FEDERAL BUDGET					
		Year 1	Year 2	Year 3		Total
	Personnel	\$8,000	\$8,000	\$8,000		\$24,000
	Name of team member	\$3,000	\$3,000	\$3,000		\$9,000
	Name of team member	\$5,000	\$5,000	\$5,000		\$15,000
	Fringe	\$1,000	\$1,000	\$1,000		\$3,000
	Faculty	\$1,000	\$1,000	\$1,000		\$3,000
	Contractual	\$23,000	\$25,000	\$28,000		\$76,000
	Contractor Name	\$18,000	\$20,000	\$23,000		\$61,000
	Contractor Name	\$5,000	\$5,000	\$5,000		\$15,000
	Equipment	\$2,000	\$500	\$500		\$3,000
	Equipment Rental	\$2,000	\$500	\$500		\$500
	Other	\$6,000	\$1,500	\$1,500		\$9,000
	General services	\$500	0	0		\$500
	Land rental	\$1,500	\$1,500	\$1,500		\$4,500
	Legal Fees	\$4,000	0	0		\$4,000
	Indirect	\$5,000	\$5,000	\$8,000		\$18,000
	See NICRA (X%)	\$5,000	\$8,000	\$8,000		\$18,000
	TOTAL	\$45,000	\$41,000	\$47,000		\$133,000

APPENDIX C

Sample Pledge Agreement

Applicant Cash/In-kind Contribution Commitment

1) Donor Organization: Name

Address

City, State, Zip code

2) Applicant Organization: Name of applicant

3) Project Title: *Name of project title*

4) Description of cash contribution: *Add clear statement the organization is committing, such as:* “The X Trust is committing \$182,000 in cash and in-kind support to this project from general fundraising support (corporate giving, foundations, fundraising events, etc.). Funds will be used to support the five farmers to attend state meetings and also contractor work to support website development and app development.” The funding breaks down into the following budget line items:

- Travel: \$2,000 - in-kind
- Contractual : \$180,000 – cash”

5) Pledge Statement: The [add name of organization] pledges to make this contribution over the USDA NRCS 2022 Conservation Innovation Grants funding period as cash/in-kind match to USDA NRCS CIG grant funds awarded to [name of applicant] for Innovative Conservation project, [*project title*].

Signature of Donor Organization Authorized
Representative:

Signature of Applicant Organization Authorized
Representative:

APPENDIX D SF424 and SF424A Instructions

INSTRUCTIONS FOR USDA-FPAC AGENCIES

Applicants must review these instructions to ensure the form is completed correctly. This will reduce the likelihood that the form will need to be returned for correction and potentially delay execution of any resultant agreement.

Item	Name	Instructions
1	Type of Submission	Select "Application" since this is first time your entity is applying for this funding opportunity.
2	Type of Application	Select "New" since this application is being submitted to an agency for the first time for this funding opportunity.
3	Date Received	Leave blank.
4	Applicant Identifier	Leave blank.
5a	Federal Entity Identifier	Leave blank.
5b	Federal Award Identifier	Leave blank.
6	Date Received by State	Leave blank.
7	State Application Identifier	Leave blank.
8a	Applicant Legal Name	Enter the legal name of applicant. This name must be consistent with the name as registered in the System for Award Management (SAM). If the name in SAM is not correct, update it.
8b	Applicant Employer/Taxpayer Identification Number (EIN/TIN)	Enter the employer or taxpayer identification number of applicant assigned by the Internal Revenue Service. This number must be consistent with the number in the applicant's SAM registration.
8c	Applicant Organizational DUNS/Unique Entity Identifier	Enter the DUNS number of applicants. This number must be consistent with the number in the applicant's SAM registration. The DUNS number is a total of 13 digits. The first 9 are the basic DUNS number from SAM. The last four digits are reserved for a certain purpose and is usually "0000" for most applicants.
8d	Applicant Address	Enter the mailing address of applicant. This address must be consistent with the mailing address in the applicant's SAM registration.
8e	Applicant Organizational Unit	Not required.
8f	Applicant Contact Information	Provide the name and contact information of person to be contacted on matters involving this application. This does not necessarily need to be the person with authority to sign the application. It is a point of contact for agency staff to contact regarding the application.
9	Type of Applicant 1	Select the type of entity the applicant is. This type must be consistent with the entity type listed in the applicant's SAM registration.
10	Name of Federal Agency	Enter the applicable agency: USDA-NRCS, USDA-FSA, or USDA-RMA
11	Catalog of Federal Domestic Assistance Number/Federal Assistance Listing and Title	Enter the CFDA number from the Notice of Funding Opportunity. For the title, see https://beta.sam.gov/
12	Funding Opportunity Number and Title	Enter the opportunity number and title from the Notice of Funding Opportunity
13	Competition Identification Number and Title	Leave blank.
14	Areas Affected by Project (Cities, Counties, States, etc.)	Leave blank.

15	Descriptive Title of Applicant's Project	Enter a concise title for the project.
16a	Congressional District of Applicant	Enter the Congressional district based on the physical address of the applicant as listed in the applicant's SAM registration. District numbers can be found at http://www.house.gov/representatives/find/ .
16b	Congressional District(s) of Program/Project	Enter the Congressional district(s) for all districts affected by the program/project. Enter in the format: first 2 characters for state abbreviation and next 3 characters for the district number (e.g., "CA-005" for California 5th district, "NC-103" for North Carolina's 103 district). If all congressional districts in a state are affected, enter "all" for the district number (e.g., "MD-all" for all congressional districts in Maryland). If nationwide (i.e., all districts within all states are affected, enter "US-all"). Attach an additional list of program/project congressional districts, if needed. District numbers can be found at http://www.house.gov/representatives/find/ .
17a	Proposed Project Start Date	Enter an estimated date consistent with what is stated on the Notice of Funding Opportunity. Do not anticipate an earlier award date, even though an earlier award may be possible.
17b	Proposed Project End Date	Enter the estimated end date consistent with the start date and what is stated on the Notice of Funding Opportunity
18a-g	Estimated Funding	Enter the project's total amount of funding by organization including the Federal share, applicant share (if any), and any other sources of applicant funding, other than their own funds. <i>These values must be consistent with the values on the SF-424A and the Budget Narrative.</i> a. <u>Federal</u>: enter the amount of Federal funds being requested. b. <u>Applicant</u>: enter cost share/match being provided by the applicant itself. Do not include cost share/match being provided by commitments from the sources listed below. c. <u>State</u>: enter the amount of any cost share/match being provided by a State government entity. d. <u>Local</u>: enter the amount of any cost share/match being provided by a Local government entity. e. <u>Other</u>: enter the amount of any cost share/match being provided by a source other than those listed above. f. <u>Program Income</u>: enter the amount of program income (if any) used for meeting cost share/match requirements (see 2 CFR 200.80 and 200.307). g. <u>Total</u>: enter the sum of all amounts. <i>This must equal the total proposed budget amounts above.</i>
19	Executive Order 12372	Select the applicable response as to whether or not the application is subject to State review under state laws or procedures. Executive Order 12372 can be found at https://www.archives.gov/federal-register/codification/executive-order/12372.html
20	Federal Debt Delinquency	Select the applicable response as to whether or not the applicant is delinquent on any Federal debt.
21	Certification and Signature	Check the "I Agree" box and provide the name and contact information for the person who is authorized by the applicant to submit the application on its behalf. The form will be electronically signed during the submission process on Grants.gov.

INSTRUCTIONS FOR USDA-FPAC AGENCIES

Applicants must review these instructions to ensure the form is completed correctly. This will reduce the likelihood that the form will need to be returned for correction and potentially delay execution of any resultant agreement.

SECTION A – BUDGET SUMMARY		
Column	Name	Instructions
(a)	Grant Program Function or Activity	FPAC agencies do not require the project budget be broken down into separate programs, functions, or activities on this form. That level of detail, if desired, is reserved for the Budget Narrative which is a related, but separate document. Enter “Federal” in 1(a) and Non-Federal in 2(a). Leave the remaining rows blank.
(b)	Catalog of Federal Domestic Assistance Number	Enter the CFDA number from the Notice of Funding Opportunity in 1(b) and 2(b). Leave the remaining rows blank.
(c)	Estimated Unobligated Funds: Federal	Leave this entire column blank.
(d)	Estimated Unobligated Funds: Non-Federal	Leave this entire column blank.
(e)	New or Revised Budget: Federal	Enter the total amount of the Federal funds requested in Row 1. Leave the remaining rows blank. This amount must be consistent with the amount in Block 18a of the SF-424.
(f)	New or Revised Budget: Non-Federal	Enter the total amount of the Non-Federal cost share/match in Row 2 and leave the remaining rows blank. This amount must be consistent with the total amount of Blocks 18b through 18f of the SF-424.
(g)	Total	This auto-calculates and is the total proposed agreement budget. This amount must be consistent with the total amount in Block 18g of the SF-424.

SECTION B – BUDGET CATEGORIES		
Column	Name	Instructions
(1)	Grant Program Function or Activity 1	The form will auto-populate “Federal” in the heading of Column 1. See the list of budget cost categories at the end of this table for guidance on what types of costs to include in each category. The total of Column 1 must be consistent with the Federal total in Section A.
(2)	Grant Program Function or Activity 2	The form will auto-populate “Non-Federal” in the heading of Column 2. See the list of budget cost categories at the end of this table for guidance on what types of costs to include in each category. The total of Column 2 must be consistent with the Non-Federal total in Section A.
(3)	Grant Program Function or Activity 3	Leave this entire column blank.
(4)	Grant Program Function or Activity 4	Leave this entire column blank.
(5)	Total	This auto-calculates.
		<i>All costs must comply with the cost principles of 2 CFR Part 200, Subpart E – Cost Principles. All costs must be allowable (2 CFR 200.403), allocable to the agreement (2 CFR 200.405), and reasonable in amount (2 CFR 200.404).</i>

	Personnel	Compensation for employees of the applicant, for example, wages and salaries. See 2 CFR 200.1, Compensation-Personal Services. Do not include the cost of fringe benefits in this category. Such costs must be listed in the “Fringe Benefit” category. Do not include the personnel cost of contractor’s or other organizations with which a contract or other agreement for their services exists. Those amounts must instead be listed under the “Contractual” category as part of the total value of the contract or agreement. Do not include the value of donated or volunteer services (or third-party in-kind contributions of services) as it may <i>not</i> be charged to the Federal award either as a direct or indirect cost (2 CFR 200.434). However, the value of those services may be used to meet cost sharing/matching requirements (2 CFR 200.306).
	Fringe Benefits	Fringe benefits should be separated out from the personnel category and are allowances and services provided by employers to their employees as compensation in addition to regular salaries and wages. Fringe benefits include, but are not limited to, the costs of leave (vacation, family-related, sick or military), employee insurance, pensions, and unemployment benefit plans. Also, see 2 CFR 200.431, Compensation-Fringe Benefits. Do not include the fringe benefit cost of contractor’s or other organizations with which a contract or other agreement for their services exists. Those amounts must instead be listed under the “Contractual” category as part of the total value of the contract or agreement.
	Travel	Travel costs are the expenses for transportation, lodging, subsistence, and related items incurred by employees who are in travel status on official business of the applicant. This only includes the travel costs directly incurred by employees of the applicant. Also, see 2 CFR 200.475, Travel Costs. Travel costs do not include the cost of renting a conference room for people who are in travel status. Instead, that type of cost should be included under the “Contractual” category. Travel costs incurred by a third-party under a contract or agreement with the applicant should instead listed under the “Contractual” category as part of the total value of the contract or agreement.
	Equipment	The common dictionary definition or common use of the term “equipment” does not apply to financial assistance agreements. Consequently, property that might otherwise normally be considered equipment, might actually be considered “supplies” as defined by 2 CFR 200.1. “Equipment” is defined as “tangible personal property (including information technology systems) having a useful life of more than one year and a per-unit acquisition cost which equals or exceeds the lesser of the capitalization level established by the non-Federal entity for financial statement purposes, or \$5,000. See also §200.12 Capital assets, 2 CFR 200.1 Computing devices, 2 CFR 200.1 General purpose equipment, 2 CFR 200.1 Information technology systems, 2 CFR 200.1 Special purpose equipment, and 2CFR 200.1 Supplies.

		Include the cost of all equipment planned to be acquired under the agreement in this budget category. Do not include the value of third-party in-kind contributions of property as it may <i>not</i> be charged to the Federal award either as a direct or indirect cost (2 CFR 200.434). However, the value of this property may be used to meet cost sharing/matching requirements (2 CFR 200.306). Do not include the cost of renting or leasing equipment in this category. Instead, such costs should be included under the “Contractual” category. Also, see 2 CFR 200.465. Also, see 2 CFR 200.439, Equipment and Other Capital Expenditures, regarding allowability of costs.
	Supplies	Property that might otherwise normally be considered equipment, might actually be considered “supplies” as defined by 2 CFR 200.94 (see section above regarding the definition of equipment). “Supplies” is defined as all tangible personal property other than those described in 2 CFR 200.1 Equipment. A computing device is a supply if the acquisition cost is less than the lesser of the capitalization level established by the non-Federal entity for financial statement purposes or \$5,000, regardless of the length of its useful life. See also 2 CFR 200.1 Computing devices and 200.1 Equipment. Include the cost of all supplies acquired under the agreement in this budget category. Non-tangible goods and services associated with supplies, such as printing services, photocopy services, and rental costs should be included in the “Other” category. Do not include the value of third-party in-kind contributions of property as it may <i>not</i> be charged to the Federal award either as a direct or indirect cost (2 CFR 200.434). However, the value of this property may be used to meet cost sharing/matching requirements (2 CFR 200.306). Also, see 2 CFR 200.453, Materials and Supplies Costs, Including Costs of Computing Devices, regarding the allowability of costs.
	Contractual	Services to be carried out by an individual or organization other than the applicant in the form of procurement. It excludes the acquisition of equipment and supplies, which is included under those respective categories. Do not include the value of donated or volunteer services (third-party in-kind contributions of services). While the value of those services may be used to meet cost sharing/matching requirements, it may <i>not</i> be charged to the Federal award either as a direct or indirect cost (2 CFR 200.434). Also, see 2 CFR 200.459, Professional Service Costs, regarding the allowability of costs.
	Construction	Include any construction, alteration, or repair of real property (e.g., buildings and facilities).

	Other (Direct Costs)	This category includes all other direct costs that do not fit in any of the other direct costs categories above. “Direct costs” is defined by 2 CFR 200.413. The costs in this section must be broken down in the budget narrative. Include sub-awards in this category Also, see 2 CFR 200.466, Scholarships and Student Aid Costs, regarding tuition remission.
	Indirect Charges	This category includes the amount of indirect cost permitted under the agreement. “Indirect costs” is defined by 2 CFR 200.414.

SECTION C – NON-FEDERAL RESOURCES

Not required to be completed

SECTION D – FORECASTED CASH NEEDS

Not required to be completed

SECTION E – BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

Not required to be completed

SECTION F – OTHER BUDGET INFORMATION

Not required to be completed

APPENDIX E

Carbon Sequestration Practices

National Air Quality Initiative Approved Practice Matrix

Note: The following practices have either specific air quality-related purposes or have a direct positive impact on air quality and are approved for use in NAQI states. Other supporting practices may be necessary and require approval prior to being offered as part of NAQI implementation. Supporting practices may be requested by NAQI states with justification. The actual predicted benefits of the practices listed below are determined by the resource setting and practice design for the selected practice. Practices are shown for their typical ability to address each respective air contaminant that contributes to an air resource concern. 'High' means the practice typically provides moderate to substantial improvement in the respective air resource. Similarly, 'Medium' refers to slight to moderate improvement, and 'Low' refers to neutral to slight improvement.

Practice	Code	Air Emission						
		Direct PM Emissions	Ammonia	Oxides of Nitrogen (NOx)	Volatile Organic Compounds (VOCs)	Methane (CH4)	Nitrous Oxide (N2O)	Carbon Dioxide (CO2)
Access Control	472	Medium		Low				Low
Agrichemical Handling Facility	309	Low	Low		Low			
Air Filtration and Scrubbing	371	High	High		Medium	Medium		
Alley Cropping	311	Medium						Medium
Amendments for Treatment of Agricultural Waste	591	Medium	High	Low			Low	
Anaerobic Digester	366				Low	High		
Animal Mortality Facility	316					Low		
Anionic Polyacrylamide	450	Medium						

(PAM) Erosion Control								
Combustion System Improvement	372	High		High				Medium
Composting Facility	317	Low	Low		Low	Medium	Low	
Conservation Cover	327	Medium		Low				High
Conservation Crop Rotation	328	Medium						Low
Cover Crop	340	Medium						Medium
Critical Area Planting	342	Medium						Low
Cross Wind Ridges	588	Medium						
Cross Wind Trap Strips	589c	Medium						Low
Drainage Water Management	554	Medium						Low
Dust Control from Animal Activity on Open Lot Surfaces	375	High						
Dust Control on Unpaved Roads and Surfaces	373	High						
Feed Management	592	Low	High	Low	Low	High	Low	
Field Border	386	Low						Low
Field Operations	376	High						

Emissions Reduction								
Forage and Biomass Planting	512	Low						High
Forest Stand Improvement	666	Low		Low				Medium
Heavy Use Area Protection	561	Medium						
Hedgerow Planting	422	Medium	Medium					Low
Herbaceous Wind Barriers	603	Medium						Medium
Integrated Pest Management	595	Medium			Medium			
Irrigation Water Management	449	Medium						Low
Mulching	484	Medium						
Multi-Story Cropping	379	Low						Medium
Nutrient Management	590	Low	High	Medium	Medium		High	Low

Practice	Code	Air Emission						
		Direct PM Emissions	Ammonia	Oxides of Nitrogen (NO _x)	Volatile Organic Compounds (VOCs)	Methane (CH ₄)	Nitrous Oxide (N ₂ O)	Carbon Dioxide (CO ₂)
Prescribed Burning	338							Low
Prescribed Grazing	528	Medium						Low
Pumping Plant	533	Medium		Medium				Medium
Range Planting	550	Low						Medium
Residue and Tillage Management, No Till	329	High		Medium				High
Residue and Tillage Management, Reduced Till	345	High		Low				Medium
Riparian Forest Buffer	391	Low						Medium
Riparian Herbaceous Cover	390	Low						Medium
Roofs and Covers	367	Low	Medium	Low	Low	High	Low	
Silvopasture Establishment	381	Low						Low
Sprinkler System	442	Medium						Low
Stripcropping	585	Medium						
Surface Roughening	609	Medium						
Tree/Shrub Establishment	612	Low						High

Waste Separation Facility	632	Low	Low		Low	Low		
Waste Treatment	629	Low	Low		Low	Low	Low	
Waste Treatment Lagoon	359				Low			
Windbreak/Shelterbelt Establishment	380	High	High					High
Windbreak/Shelterbelt Renovation	650	Medium	Medium					Low
Woody Residue Treatment	384	Low		Low				Medium