

Summary Information

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

Funding Opportunity Title: Announcement for Program Funding for NRCS' Conservation Innovation Grants (CIG) for Federal fiscal year (FY) 2018 – Virginia

Initial Announcement

Funding Opportunity Number: USDA-NRCS-VA-CIG-18-01

Catalog of Federal Domestic Assistance Number: 10.912, Environmental Quality Incentives Program

NRCS is announcing the availability of CIG to stimulate the development and adoption of innovative conservation approaches and technologies. Applications will be accepted from eligible entities for projects carried out in the state of Virginia. A total of up to **\$450,000** is available for CIG in FY 2018. 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. The maximum award amount for a single award in FY 2018 is \$75,000.

APPLICATIONS DUE DATE: Applications must be received by 5:00 PM Eastern Daylight Saving Time on Friday, **April 6, 2018**.

SUBMISSIONS: Applications must be submitted electronically through grants.gov. In addition, a PDF of the complete application must be emailed to Blaine.Delaney@va.usda.gov. **Both submissions must be received by the submission due date!** For more information on how to submit an application go to section IV.C on page 14.

Please note that the grants.gov electronic submission component has been updated. The updated component is called **Workspace**. Workspace is the standard way for organizations or individuals to apply for federal grants in Grants.gov. Workspace allows an applicant grant team to simultaneously access and edit different forms within an application. In addition, the forms can be filled out online or as a PDF.

Please allow extra time to register in the new Workspace. An overview of Workspace can be viewed at grants.gov (WEBINAR - Getting Started with Workspace: Become a Workspace Wizard). There are also several preliminary registration steps before the applicant can submit the application. To register, go to www.grants.gov, click on "Applicants", then click on "Get Registered". If you have completed a prior grants.gov application, you may already have completed the registration process. Persons with disabilities who require alternative means for communication (e.g., Braille, large print, audio tape) should contact the USDA TARGET Center at (202) 720-2600 (voice and TDD).

FOR MORE INFORMATION CONTACT:

Julie Hawkins

Assistant State Conservationist (Programs)
USDA, Natural Resources Conservation Service
1606 Santa Rosa Road, Suite 209
Richmond, VA 23229-5014
Phone: (804) 287-1692
Email: Julie.Hawkins@va.usda.gov

Blaine Delaney

Virginia CIG Program Manager
USDA, Natural Resources Conservation Service
1606 Santa Rosa Road, Suite 209
Richmond, VA 23229-5014
Phone: (804) 287-1663
Email: Blaine.Delaney@va.usda.gov

SUPPLEMENTARY INFORMATION

I. PROGRAM DESCRIPTION

A. 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), who is Vice President of the Commodity Credit Corporation (CCC). EQIP is funded and administered by NRCS under the authorities of CCC.

B. 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 NRCS 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.

C. 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:

- Make use of a technology or approach that has been 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.

D. State Component

For FY 2018, Virginia NRCS **will only consider proposals** that demonstrate the use of innovative technologies and/or approaches **that address at least one bulleted topic under the categories listed below**. Proposals must identify the bulleted topic(s) that they will address.

Virginia CIG Priorities for FY 2018:

I - Innovation in Farming Systems, Technology, Testing, Outreach and Partnership for Improving or Maintaining Soil Health

This general topic area covers a wide range of potential projects seeking to investigate/demonstrate/extend innovative strategies for increasing implementation of one or more soil health management principles in Virginia. These principles are:

1. Keep soil covered
2. Minimize soil disturbance
3. Maximize living roots
4. Energize with diversity

The following are examples of projects that can potentially fall under this general topic area. Other potential projects may qualify.

Outreach and education:

- Innovative strategies for building/strengthening partnerships and leveraging additional resources for promoting soil health management principles
- Innovative approaches to training farmers and their advisors (public and private sector) on soil health principles and practices, such as cover cropping and managed grazing.

New equipment and technology:

- Research and demonstration on innovative equipment and associated strategies for improving the viability of soil health-building cropping and grazing systems, including, but not limited to, innovative cover crop rollers, planters, livestock handling technology, etc.
- Research and demonstration on controlled traffic farming (CTF) strategies and technologies, including tools for planning and verifying CTF implementation.

New testing and diagnostic methods:

- Research and demonstration on innovative testing methods to help farmers and their advisors better assess and understand the value of improved soil health, etc.

Increasing diversity in Virginia farming systems:

- Research & demonstration aimed at overcoming obstacles to adoption of new crops or cropping systems in Virginia, such as, but not limited to, establishment of more diverse forages for extending the grazing system, research on nutrient and pest management needs of alternative agronomic crops, evaluation of longer term rotations that include perennials in agronomic and/or specialty crop production, etc.

Pest management considerations in soil health-building systems:

- Research & demonstration addressing existing or emerging pest problems associated with soil health-building farming methods.

2 - Innovation in High Tunnel Technologies

Research & demonstration aimed at overcoming obstacles to the production of high-value crops in high tunnels, such as, but not limited to, using innovative technology to automatically raise the sidewalls when the internal temperature hits a certain threshold to control the climate; innovative irrigation technology; and other “state-of-the-art” technologies that will enhance the economic viability of high tunnel production. Projects that evolve understanding and performance of high tunnels systems vs. conventional production would be very welcome; this is not a requirement, but an added bonus feature.

3 - Treatment Measures to address the in-stream loading of excess Nutrients and Sediment from Legacy Sediments trapped by Historic Millpond Dams

- Complete the planning, design, and implementation of one or more technically sound, economical solutions for treatment of stream segments that are eroding due to the presence of residual sediment from historic millpond dams. The applicant will be required to document the pre- and post-implementation levels of sediment and nutrient loading in the stream. The solution(s) must meet the requirements of the Virginia NRCS Conservation Practice Standards and the design must be sealed by a Professional Engineer registered in Virginia. NRCS will provide a functional review of the planning concepts and designs prior to implementation. Another goal of this project is to demonstrate the potential for partnership opportunities.

4 - Using Drones to Map Individual Species of Invasive Plants

- Demonstrate that aerial surveying using drones can be used to produce maps of an individual invasive plant species across wide areas. The project needs to procure appropriate drone and sensor technology; fly it across typical forest and field areas to capture data; implement software that can process the data; and then automatically produce maps by species to be ground-proofed for accuracy. It is expected that the project will need to determine the spectral signatures of the plants being targeted. To obtain sufficient accuracy in the maps data may need to be captured at multiple times of the year and the results overlain to increase the probability of accurate detections and the elimination of false positives. The intention is that this project will demonstrate reasonable success with one or two species and use techniques that should also work with other species that are visible from the air.

5 – Using Native Warm Season Grasses to Develop a Well-Balanced Forage System

- Demonstrate the conversion of endophyte infected fescue and/or other cool season grass pasture to native warm season perennial forages for developing a balanced warm season to cool season forage system. Document the establishment sequence of the warm season forage and the management and performance of the grazing livestock on the warm season perennials during the summer season.

II. FEDERAL AWARD INFORMATION

It is anticipated that a total of up to **\$450,000** in funding will be available for this announcement. The ceiling for a single award is **\$75,000**.

NRCS accepts proposals for projects of one to three years in duration.

III. ELIGIBILITY INFORMATION

A. Applicant Eligibility

All NFE entities and individuals, with the exception of Federal agencies, are eligible to apply for projects carried out in Virginia. Individuals and entities may submit more than one application. Individuals and entities may receive more than one award.

B. Project Eligibility

All CIG projects must involve EQIP-eligible producers that meet the eligibility requirements for EQIP 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.

C. 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 2014 and FY 2018.
- 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 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, and Conservation Stewardship Program). If awarded a grant, grantees must self-certify that payments to producers using CIG funding are not duplicative.

D. Cost Sharing/Matching Requirements

CIG recipients must provide a non-Federal funding match or cost-share at least equal to the amount of Federal funding requested. See [Section IV, subsection 8](#) of this announcement for information on cost share/match.

E. 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 normal management 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.

IV. APPLICATION AND SUBMISSION INFORMATION

There is no pre-proposal process for this announcement. All standard forms necessary for CIG application submission are included in the [Grants.gov](#) application package.

A. Content and Format

Applications must contain the content, format, and information set forth below to receive consideration for funding. If submitting applications for more than one project, submit a separate application for each project. Applicants should not assume prior knowledge on the part

of NRCS or others as to the relative merits of the project described in their application. Applicants must submit a single copy of the application in the following format:

- Each page must be on numbered, letter-sized (8½" x 11") paper utilizing a white background that has one-inch margins; and
- The text of the application must be typed, single spaced, black, and in a font no smaller than 12-point.

Applications that are incomplete or fail to comply with the required content and formatting requirements will not be considered for funding.

1. Project Abstract (1 page maximum).

On a single page, provide the applicant entity name, duration of project in months, amount of Federal funding requested, amount of non-Federal cost-share/match funding committed, and project title. Identify the category of the project, the geographic location, and describe in non-technical 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, if applicable), how impact will be quantified, and the predicted benefits or deliverables of the project. The project abstract must include both a technical and administrative contact for the application (if both are the same person, please note this). NRCS will use the technical and administrative contacts identified as the primary applicant contacts. A sample project abstract is included in the related documents tab in the opportunity on grants.gov.

2. Standard application form.

"Standard Form 424, Application for Federal Assistance" is included as part of the application package posted on Grants.gov. Instructions for completing the form are also included.

3. Project Narrative (15-page maximum).

The project narrative must include the following information in order. A sample project narrative is included on the related documents tab on grants.gov.

- Project background: Describe the issue or problem, and the history of, and need for, the proposed innovation. Provide evidence that the proposed innovation has been studied sufficiently to indicate a high probability for success of the project.
- Project objectives: Be specific using qualitative and quantitative measures, if possible, to describe the project's purpose and goals. Describe how the project is innovative. If the project is addressing a NRCS Conservation Practice Standard, or proposing a new standard, please state this explicitly and identify the standard.
- Project methods: Describe clearly the methodology of the project and the tools or processes that will be used to implement the project.
- Geographic location and size of project or project area: Identify the geographic location and the relative size and scope (e.g., acres, farm types, demographics, etc.) of the project area. Provide a map if possible.
- EQIP eligible producer participation: Estimate the number of EQIP eligible producers involved in the project, and describe the type and extent of their involvement.

- f. Project action plan and timeline: Provide a table listing project actions, timeframes, and associated milestones through project completion. Applicants should develop their timelines based on a project start date of September 30, 2018.
- g. Project management: Give a detailed description of how the project will be organized and managed, including a list/description of project partners. Include a list of key technical and administrative personnel, their relevant education or experience, and their anticipated contributions to the project. Resumes and CVs are not required, if submitted they will count towards the 15-page maximum.
- h. Project deliverables/products: Provide a list of specific deliverables and products that will allow NRCS to monitor project progress and approve payments. The proposal must include a set of technical deliverables designed to evaluate the performance and broader applicability of the project. In addition to project-specific deliverables, selected grantees are responsible for:
 - 1. Participation in at least one NRCS showcase event during the grant period where the grantee presents on the activities of the project to NRCS staff and other conservation professionals;
 - 2. A final fact sheet for use in public settings;
- i. Benefits or results expected and transferability: Identify the results and benefits derived from the project. Identify project beneficiaries, i.e., agricultural producers by type, region, or sector; Historically Underserved producers and communities; rural communities; and/or municipalities. Explain how these entities will benefit. Describe how the results will be communicated to others via outreach activities. Forecast the lasting impact of project results.
- j. Project evaluation: Describe the methodology or procedures used to evaluate the project, determine technical feasibility, and quantify the results of the project.
- k. Graphics--including pictures, charts, graphs and similar items--count towards the 15-page maximum.
- l. References, bibliographies, and citations, if included, do not count towards the 15-page maximum.

4. *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 applicant's role in NHPA Section 106 process can be [found at this website](#).

5. Budget Information, (12-page maximum).

The budget portion of the application consists of two parts, as described below:

- a. Standard Form (SF) 424A Budget Information – Non-Construction Programs. The SF-424A is included as part of the application package posted on Grants.gov.
- b. Detailed Budget Narrative. Provide a detailed narrative in support of the budget for the project, broken down by each project year. Discuss how the budget specifically supports the proposed activities. Justify the project cost effectiveness and include justification for personnel and consultant salaries with a description of duties. Statement(s) of work for any subcontractors and consultants must be included as part of the application. The budget narrative should include both the Federal funds requested and the applicant's matching funds.

The format of the budget narrative can be in a chart, spreadsheet, table, etc. It should be readable on letter-size, printable pages. The information needs to be presented in such a way that the reviewers can readily understand what expenses are incurred to support the project.

6. Funding Restrictions

CIG funds may not be used to pay any of the following costs unless otherwise permitted by law or approved in writing by the Authorized Departmental Officer in advance of incurring such costs:

1. Costs above the amount of funds authorized for the project;
2. Costs incurred prior to the effective date of the grant (preaward costs);
3. Costs which lie outside the scope of the approved project and amendments thereto;
4. Entertainment costs, regardless of their apparent relationship to project objectives;
5. Compensation for injuries to persons or damage to property arising out of project activities;

6. 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; and
7. Renovation or refurbishment of research or related spaces, the purchase or installation of fixed equipment in such spaces, and the planning, repair, rehabilitation, acquisition, or construction of buildings or facilities.

This list is not exhaustive. For more details, refer to [2 CFR 200](#).

7. Indirect (F&A) costs.

In order to be eligible to recover any indirect cost under a Federal award, the NFE 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). In order to qualify for the de minimis rate, the NFE must have never had a NICRA. 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.

NFEs with a NICRA must calculate indirect costs using the rate and base specified in their NICRA. Costs from both the Federal and non-Federal shares are used. The resultant total amount of indirect costs is entered in Section B, Row J, of the SF-424A (Budget Information). A NFE may voluntarily reduce or waive recovery of indirect costs at their sole discretion and must not be encouraged or coerced in any way to do so by the NRCS. If voluntarily reduced or waived, the NFE 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 non-Federal entity's approved negotiated indirect cost rate (2 CFR 200.306(c)). A copy of the applicant's current NICRA must be provided with the application. If the NFE does not have a current NICRA, indirect costs may not be recovered under an expired NICRA.

NFEs that are eligible for the de minimis rate who already have a de minimis rate agreement must use the rate and base specified in the agreement, which is modified total direct costs (MTDC) as defined by 2 CFR 200.68. Note, that MTDC excludes certain costs from the base the rate is applied to. See the instructions for completing the SF-424A "Budget Information" form and budget narrative in section IV below for additional details. A copy of the applicant's de minimis rate agreement must be provided with the application. If an NFE is eligible to use the de minimis rate, but does not have a de minimis rate agreement, 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 at the same time the grant agreement is. Applicants wishing to use the de minimis rate must submit a signed statement certifying that the entity 1) has never had a NICRA previously and 2) specifically request a de minimis rate agreement.

8. 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 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.

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. Applications must include written verification of commitments of cost sharing or matching support (including both cash and in-kind contributions) from third parties. 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.

Applicant matching funds are included in the budget narrative. For matching funds offered by project partners, 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, 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 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 are deemed incomplete.

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.

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

A) If the applicant has previously received a NRCS CIG award:

Identify the current or past CIG award(s). Detail the purpose, outcomes to date, and how this new proposal relates to the previous project(s). For any project(s) that are either in progress or have been completed within the past 2 years, indicate whether the project was managed successfully, and whether the desired outcomes of the project(s) were met, by providing information on the following:

1. Expenditure of CIG funding (i.e., the balance of grant funds currently remaining for active projects or that were unspent in a completed project); and
2. Describe compliance with grant requirements, including the planned deliverables, timeline, terms and conditions, and timely reporting (e.g., semi-annual progress reports, financial status reports, final report).

- B) If the applicant has not received a CIG award but has received other Federal or non-Federal assistance related to this application:

Identify the source of funding supporting work related to this application. Describe your history of successfully managing these funds and carrying out the requirements related to the funding agreement(s).

10. *Certifications.*

All proposals must include the following signed certification forms, which are available at Grants.gov:

- AD-3030 Representations Regarding Felony Conviction and Tax Delinquent Status for Corporate Applicants. Must be submitted if entity is a corporate non-profit or for-profit corporation as indicated in the applicants SAM registration.
- AD-3031 Assurances Regarding Felony Conviction and Tax Delinquent Status for Corporate Applicants. Must be submitted if entity is a corporate non-profit or for-profit corporation as indicated in the applicants SAM registration.
- SF-424B, Assurances for Non-Construction Programs. Must be completed by all applicants.
- Certification Regarding Lobbying. Must be completed by all applicants.

11. *Letters of support.*

Letters of support for the project from individuals or entities that are not project partners may be submitted and should be placed at the very end of the application package.

12. *Risk Review Documentation*

NRCS may request additional documentation from selected applicants in order to evaluate the financial, management, and performance risk posed by awardees as required by 2 CFR 200.205. Based on this risk review, NRCS may apply to a CIG award special conditions that correspond to the degree of risk assessed.

13. *Fact Sheet (maximum 2 pages)*

All applicants must fill out this template, which will be used by NRCS in public settings should the application be selected for an award. The fact sheet template is available on grants.gov as part of the application package.

B. DUNS and SAM Numbers

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 (Data Universal Numbering System (DUNS) number) 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. NRCS 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 NRCS is ready to make a Federal award, NRCS 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.

NFEs must obtain a DUNS and register in SAM prior to registering with Grants.gov. NFEs are strongly encouraged to apply early for their DUNS number and SAM registration.

1. **Data Universal Numbering System (DUNS) Number:** A Dun and Bradstreet DUNS number is a unique, nine-digit sequence recognized as the universal standard for identifying and keeping track of over 70 million businesses worldwide. CIG applicants must obtain a DUNS number. Information on how to obtain a DUNS number can be found at <http://fedgov.dnb.com/webform> or by calling 1-866-705-5711. Please note that the registration may take up to 14 business days to complete.
2. **System for Award Management (SAM) Registration:** SAM is the official Federal system that consolidated the capabilities of Central Contractor Registry, Federal Agency Registration, Online Representations and Certifications Application, and Excluded Parties List System. To register, go to: <https://www.sam.gov/portal/public/SAM/>. Please allow a minimum of 5 days to complete the SAM registration.

C. How to Submit an Application

Applications must be submitted:

- Through the Grants.gov web portal; **and**
- By emailing a pdf copy of the full application to Blaine.Delaney@va.usda.gov.

Submitting a CIG application through www.grants.gov requires completing a variety of tasks and steps. There are also several preliminary registration steps before the applicant can submit the application. To register in the grants.gov system, go to www.grants.gov, click on "Applicants", then click on "Get Registered".

If you have completed a prior grants.gov application, you may already have completed the registration process.

Please allow sufficient time to register in grants.gov and for possible system delays.

Below are instructions for accessing the forms necessary to complete an application in grants.gov:

- Go to www.grants.gov. Information about submitting an application using grants.gov is located on the grants.gov website, along with supplementary materials.
- Select the "Applicants" tab.
- Select the "Apply for Grants" heading.
- Click on "Get Application Package". Follow all steps.
- Provide the "Funding Opportunity Number" or return to the "[Search Grants](#)" section.
- All necessary forms are included within the grants.gov "Application Package".

Please note that the www.grants.gov electronic application submission component has been updated. The updated component is called Workspace. Workspace is the standard way for organizations or individuals to apply for federal grants in Grants.gov. Workspace allows an

applicant grant team to simultaneously access and edit different forms within an application. In addition, the forms can be filled out online or as a PDF.

Please allow extra time to register in the new Workspace. An overview of Workspace can be viewed through grants.gov ([WEBINAR - Getting Started with Workspace: Become a Workspace Wizard](#)).

Applications not received through both avenues by the submission due date and time are not accepted for consideration. **The emailed application must be assembled into one pdf file document in the order specified in [section IV, part A](#).** All applications must contain all of the elements of a complete package and meet the requirements described in this announcement. Grants.gov provides instructions for submitting the required application items through the portal. Application receipt date and time will be determined by the respective system-generated documentation of receipt date and time (Grants.gov provides date and time stamps for all proposals submitted through the portal).

NRCS is not responsible for any technical malfunctions or website problems related to Grants.gov or emailed submissions. If you encounter issues with Grants.gov, please contact the Grants.gov help desk at (800) 518-4726 or support@grants.gov. The applicant assumes the risk of any delays in application submission through Grants.gov.

D. Due Date

Proposals must be received by 5:00 PM Eastern Daylight Saving Time on Friday, **April 6, 2018**. Application receipt date and time will be determined by the respective system-generated documentation of receipt date and time (Grants.gov provides date and time stamps for all proposals submitted through the portal). The applicant assumes the risk of any delays in application receipt.

E. Acknowledgement of Submission

Grants.gov provides receipt of application submissions. NRCS acknowledges receipt of proposals received by the submission deadline via email. An applicant who does not receive such an email acknowledgement within **5** business days of the submission deadline, but believes the proposal was submitted within the submission deadline, must contact the Virginia CIG Program Manager within **10** business days of the submission deadline. Failure to do so may result in the proposal not being considered.

F. Withdrawal

Proposals may be withdrawn by written notice at any time before award execution. Written notice of withdrawal must be signed by the applicant or an authorized representative.

G. 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. Contact the Virginia CIG Program Manager with specific questions with regard to the applicability of this section.

V. APPLICATION REVIEW INFORMATION

Proposals will be initially screened for completeness and compliance with the provisions of this announcement. Incomplete or noncompliant proposals will be eliminated from competition prior to initiation of the Virginia CIG review process.

A. Application Evaluation Criteria

Risk Criteria Evaluation

In accordance with 2 CFR 200.205, NRCS will review risk posed by applicants. This screening process includes:

- 1) Confirming the NFE does not have an active “exclusion” in SAM precluding it from being eligible for recipient of an award (i.e., suspended or debarred; see [2 CFR Part 180](#) and [7 CFR Part 417](#)).
- 2) Confirming the NFE does not have an adverse information located in the [Federal Awardee Performance and Integrity Information System \(FAPIIS\)](#).

NRCS may request additional documentation from selected applicants in order to evaluate the financial, management, and performance risk posed by awardees as required by 2 CFR 200.205. Based on this risk review, NRCS may apply to a CIG award special conditions that correspond to the degree of risk assessed.

Merit Criteria Evaluation

The technical review panel uses the following criteria, using a 100 point scale, to evaluate applications:

1. Purpose, Approach, and Goals (25 points)
 - a. The purpose of the project is clearly explained and the rationale is explicit for why the innovative approach or technology is needed;
 - b. The design and implementation of the project is based on sound methodology and demonstrated technology;
 - c. The project outcomes are stated, measurable, and likely to be achieved; and
 - d. Both beneficial and adverse impacts are considered and a significant level of improvement will be achieved.
2. Innovative Technology or Approach (25 points)
 - a. The project is innovative (national, regionally, and/or local in nature) according to the criteria for innovation in the CIG funding announcement; and
 - b. The project addresses one or more of the priority categories listed in the CIG funding announcement.
3. Project Management (20 points)
 - a. Timeline and milestones are clear and reasonable;
 - b. Project staff has necessary technical and administrative expertise;
 - c. The budget is adequately explained and justified, and expenses allowable; and
 - d. Proposal includes robust partnership with entities that can substantially assist with delivery of project outcomes.
4. Benefits and Transferability (30 points)
 - a. The potential for producers and landowners to use or participate in the innovative technology(s) or approach(s);
 - b. The potential for NRCS 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.;
 - c. The potential to transfer the approach or technology to a broader audience or to other geographic areas or agricultural sectors; and
 - d. The potential for successful transfer, through planned project activities, to Historically Underserved producers and communities.

Cost sharing will be treated as an eligibility criterion as described in Section IV.A.8 and will not be considered in the evaluation.

B. Review and Selection Process

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

- A Virginia CIG Review Team composed of subject matter experts evaluate the proposals. Proposals are evaluated against the CIG Proposal Evaluation Criteria in Section V.A. The Virginia CIG Review Team forwards their recommendations to the State Conservationist.
- The State Conservationist makes the final award selections based on the recommendations of the Virginia CIG Review Team.

C. Anticipated Announcement and Award Dates

Virginia NRCS anticipates announcing Virginia CIG selections by **May 1, 2018** and awarding all grants by **September 15, 2018**. **However, in case of unforeseen delays, it is best for applicants to plan their projects based on a project start date of September 30, 2018.**

VI. FEDERAL AWARD ADMINISTRATION INFORMATION

A. Federal Award Notices

Successful Applicants

A successful applicant can expect to receive official notification by email from the State CIG Staff following selection. It is NRCS practice to 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. The notice of Federal award form (ADS-093) signed by the authorized agency official is the only authorizing document, and will be provided electronically to the applicant's authorized official.

Unsuccessful Applicants

Applicants whose proposals are not selected for funding will receive NRCS's evaluation of the significant weaknesses or deficiencies in the applicant's proposal. This evaluation will be emailed to the technical and administrative contacts listed in the proposal within 90 days of the announcement of CIG selections. Please do not contact NRCS requesting an evaluation prior to the end of this 90-day period.

B. Administrative and National Policy Requirements

All project funds will be used in accordance with 2 CFR 200 and NRCS' General Terms and Conditions Grants and Cooperative Agreements. A copy of the General Terms and Conditions Grants and Cooperative Agreements document may be obtained by contacting the Agency Contacts listed in [Section VII](#) below.

C. Reporting

Reporting will follow the NRCS General Terms and Conditions Grants and Cooperative Agreements, but will generally include electronic submission of semiannual progress reports, quarterly financial status reports, and final reports.

VII. FEDERAL AWARDED AGENCY CONTACT:

The Virginia NRCS CIG Program Manager will be the agency contact for answering questions or helping with problems while this funding opportunity is open.

Blaine Delaney

Virginia CIG Program Manager

USDA, Natural Resources Conservation Service

1606 Santa Rosa Road, Suite 209, Richmond, VA 23229-5014

Phone: (804) 287-1663, Email: Blaine.Delaney@va.usda.gov

VIII. OTHER INFORMATION

A. Freedom of Information and Privacy Act

CIG proposals are considered to be confidential information. Proposals 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 §1.12 requires the NRCS to provide notice to applicants that a third party has requested copies of their business information, requires NRCS and to consult with applicants regarding the releasability of their records.

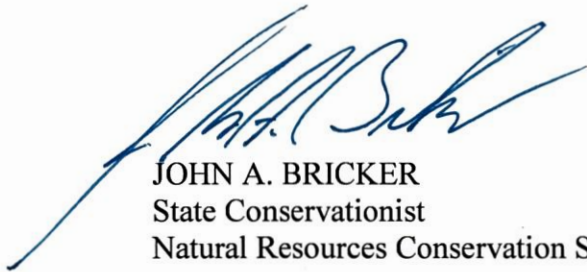
B. National Component

The USDA NRCS CIG program has two components – the “National Competition” and the “State Competition”. This announcement is for the “State Competition” component in Virginia. More information about the National Competition is available [here](#).

C. Notice to Applicants

The Federal Government is not obligated to make any Federal award as a result of this announcement. Only authorized federal officials can bind the Federal Government to the expenditure of funds.

Signed this 24th day of January 2018 in Richmond, Virginia.

A handwritten signature in blue ink, appearing to read 'J. A. Bricker', is written over the printed name and title.

JOHN A. BRICKER
State Conservationist
Natural Resources Conservation Service

Attachments

**CONSERVATION INNOVATION GRANTS
FISCAL YEAR 2018 APPLICATION PACKAGE CHECKLIST**

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

- ☐ **1. Project Abstract**— On a single page, provide the applicant entity name, duration of project in months, amount of Federal funding requested, amount of non-Federal match committed, and project title. Identify the category of the project, the geographic location, and describe in non-technical 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, if applicable), how impact will be quantified, and the predicted benefits or deliverables of the project. The executive summary must include both a technical and administrative contact for the proposal (if both are the same person, please note this). These contacts will serve as the primary contacts for CIG staff. If you wish to compete for the 20 percent set aside for Historically Underserved producers or veteran farmers or ranchers, please annotate this.
- ☐ **2. Application Forms (in grants.gov application package)**
- ☐ **3. Project Narrative:** (15 pages maximum, single-spaced, single-sided, 12 point font)
 - a. Project background
 - b. Project objectives
 - c. Project methods
 - d. Geographic location and size of project area (include a map if possible)
 - e. EQIP eligible producer participation
 - f. Project action plan and timeline
 - g. Project management
 - h. Project deliverables/products
 - i. Benefits or results expected and transferability
 - j. Project evaluation
- ☐ **4. Assessment of Environmental Impacts**
- ☐ **5. Budget Information:** (12 pages maximum)
 - a. Complete SF-424A
 - b. Detailed budget narrative
- ☐ **6. Indirect Costs:** Submit documentation of federally approved indirect cost rate or indirect cost rate proposal if claiming indirect costs.
- ☐ **7. Matching:** Submit written signed verification of commitments of matching support from non-Federal third parties. Include both cash and in-kind commitments.
- ☐ **8. Declaration of Previous CIG Projects Involvement and Past Performance**
- ☐ **9. Declaration of Historically Underserved and Veteran Farmers or Ranchers**
- ☐ **11. Certifications:** Complete all required certifications.

- ☐ **12. Letters of Support:** Include entity name, location and role.
- ☐ **13. Fact Sheet**
- ☐ ****DUNS and SAM Registration**

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the bases of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

To file a complaint of discrimination, complete, sign and mail the **USDA Program Discrimination Complaint Form (PDF)**, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. Send your completed complaint form or letter to us by mail at:

USDA
Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, S.W.
Washington, D.C. 20250-9410

Or by email at program.intake@usda.gov.

Individuals who are deaf, hard of hearing or have speech disabilities and you wish to file either an EEO or program complaint please contact USDA through the Federal Relay Service at (800) 877-8339 or (800) 845-6136 (in Spanish).

Persons with disabilities who wish to file a program complaint, please see information above on how to contact us by mail directly or by email. If you require alternative means of communication for program information (e.g., Braille, large print, audiotope, etc.) please contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

Equal Employment Opportunity Data Posted Pursuant to the No Fear Act -

This is the reporting page for the Notification and Federal Employee Antidiscrimination and Retaliation Act of 2002 (NO FEAR Act), Public Law 107-174.