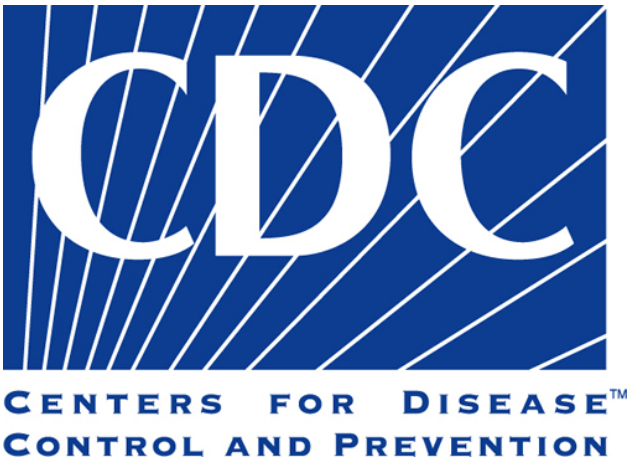


Centers for Disease Control and Prevention

National Center for Emerging and Zoonotic Infectious Diseases

Strengthening Training, Evaluation, and Partnerships in the Prevention and Control of Vector-Borne Diseases

CDC-RFA-CK-23-0005

02/03/2023

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Part I. Overview

Applicants must go to the synopsis page of this announcement at www.grants.gov and click on the "Subscribe" button link to ensure they receive notifications of any changes to CDC-RFA-CK-23-0005. Applicants also must provide an e-mail address to www.grants.gov to receive notifications of changes.

A. Federal Agency Name:

Centers for Disease Control and Prevention (CDC) / Agency for Toxic Substances and Disease Registry (ATSDR)

B. Notice of Funding Opportunity (NOFO) Title:

Strengthening Training, Evaluation, and Partnerships in the Prevention and Control of Vector-Borne Diseases

C. Announcement Type: New - Type 1:

This announcement is only for non-research activities supported by CDC. If research is proposed, the application will not be considered. For this purpose, research is defined at https://www.gpo.gov/fdsys/pkg/CFR-2007-title42-vol1/pdf/CFR-2007-title42-vol1-sec52-2.pdf. Guidance on how CDC interprets the definition of research in the context of public health can be found at https://www.hhs.gov/ohrp/regulations-and-policy/regulations/45-cfr-46/index.html (See section 45 CFR 46.102(d)).

D. Agency Notice of Funding Opportunity Number:

CDC-RFA-CK-23-0005

E. Assistance Listings Number:

93.084

F. Dates:

1. Due Date for Letter of Intent (LOI):

The LOI date will generate once the Synopsis is published if Days or a Date are entered.

2. Due Date for Applications:
02/03/2023
11:59 p.m. U.S. Eastern Standard Time, at www.grants.gov.

3. Due Date for Informational Conference Call:
Tuesday, January 10, 2023, 1:00 pm Mountain Time

To join via Zoom, paste the following link into the address bar of your web browser

https://cdc.zoomgov.com/s/1608356541

Or join webinar via phone

Dial:	US : +1 669 254 5252 or +1 669 216 1590 or +1 646 828 7666 or +1 551 285 1373
Webinar ID:	160 835 6541
Passcode:	13432391

G. Executive Summary:

1. Summary Paragraph
This Notice of Funding Opportunity (NOFO) supports the priorities of the National Center for Emerging and Zoonotic Infectious Diseases, Division of Vector-Borne Diseases and supports the Division's goal of improving regional capacity to address the growing health threat of vector-borne diseases. The primary strategies of the NOFO include: building the vector-borne disease prevention and control workforce and its capacity through **training**; conducting **evaluation** and operationalizing vector-borne disease prevention control programs, tools, and technologies; and facilitating **partnerships** between academic institutions and federal, local, state, territorial, Tribal public health agencies and/or other interested parties.

This NOFO is intended to establish a roster of organizations that would be pre-identified and pre-approved for rapid funding to address vector-borne disease threats through the program strategies. It is intended to support ~5-10 primary awards focusing on the objectives outlined below. This NOFO will also establish an approved but unfunded (ABU) list of recipients, which will be used to effectively respond to public health threats. There is limited funding available at the time of this announcement. Additional funding will be contingent upon the availability of appropriations, at CDC's sole discretion. CDC will provide additional information to ABU recipients, as public health needs arise.

a. Eligible Applicants:
Open Competition

b. Funding Instrument Type:
CA (Cooperative Agreement)

c. Approximate Number of Awards
10

At this time, CDC estimates that ~5-10 applicants will initially be awarded in response to this NOFO in year 1. This is subject to change. All other approved applicants will be added to the approved but unfunded (ABU) roster listing. Applicants on the ABU list may be funded in response to other emerging challenges and opportunities, as the need arises, for up to twenty-four months from the date of the ABU letter.

d. Total Period of Performance Funding:
$43,750,000

e. Average One Year Award Amount:
$1,750,000

f. Total Period of Performance Length:
5 year(s)

g. Estimated Award Date:
June 30, 2023

h. Cost Sharing and / or Matching Requirements:
No
Cost sharing or matching of funds is not required for this program. Although no statutory matching requirement for this NOFO exists, leveraging other resources and related ongoing efforts to promote sustainability is strongly encouraged.

Part II. Full Text

A. Funding Opportunity Description

1. Background

a. Overview
Vector-borne diseases pose a large and growing public health problem in the U.S. Nearly 820,000 cases of vector-borne diseases were reported in the United States from 2004-2019 and reported cases of disease from mosquito, tick, and flea bites more than doubled over this period. However, reported cases significantly underrepresent all vector-borne disease cases. For example, only 1 in 10 West Nile virus (WNV) cases are reported and the number of treated Lyme disease cases is 10 times higher than those reported. Numerous factors impact risk for vector-borne diseases, including vector abundance, health care access and utilization, and personal prevention behaviors. Additionally, changing climatic conditions are likely to alter the geographic range and seasonal activity of vectors, potentially modifying populations at risk for vector-borne diseases.

This Notice of Funding Opportunity (NOFO) is intended to improve our nation's capacity to address the growing health threat of vector-borne diseases by building the vector-borne disease prevention and control workforce and its capacity, improving adoption and evaluation of vector-borne disease prevention control programs, tools, and technologies, and facilitating partnerships between academic institutions and federal, local, state, territorial, Tribal public health agencies and/or other interested parties.

The NOFO strategies are to: (1) TRAIN - Increase opportunities for students and professionals to receive training in vector-borne disease (VBD) prevention and control; this must include training university/college-based students and currently practicing vector-borne disease prevention and

control professionals; (2) EVALUATE - Evaluate the impact and effectiveness (non-research) of existing or commercially available vector-borne disease prevention and control tools, technologies and programs; and (3) PARTNER - Build partnerships among institutions and organizations in the vector-borne disease community to accomplish the activities proposed in Strategies 1 and 2. Activities must include collaborative partnerships with private partners, academic centers, or public health organizations at federal, state, Tribal or local levels to develop and implement training and evaluation activities.

In public health, evaluation is distinct from research. The definitions of evaluation and research are as follows (www.cdc.gov/evaluation/):

Evaluation: Purpose is to determine effectiveness of a specific program or model and understand why a program may or may not be working. Goal is to improve programs.
Research: Purpose is theory testing and to produce generalizable knowledge. Goal is to contribute to knowledge base.

b. Statutory Authorities
This program is authorized under Public Health Service Act section 301(a) [42 U.S.C section 241(a)] and Public Health Service Act section 317(k)(2) [42 U.S.C. section 247b(k)(2)]. Additional authority may also stem from an applicable emergency supplemental appropriation; such appropriation and any requirements and/or limitation associated with that emergency supplemental will be added to the notice of award.

c. Healthy People 2030
This project supports the following Healthy People 2030 goals and objectives:
Topic: Infectious Disease
Goal: Reduce rates of infectious diseases and improve health for people with chronic infections.

d. Other National Public Health Priorities and Strategies
A National Public Health Framework for the Prevention and Control of Vector-Borne Diseases in Humans (https://www.cdc.gov/ncezid/dvbd/framework.html)

e. Relevant Work
This NOFO complements activities supported through prior funding opportunities, including the research-based Vector-Borne Disease Regional Centers of Excellence (CDC-RFA-CK17-005, CDC-RFA-CK22-005) and CDC's Epidemiology and Laboratory Capacity for Prevention and Control of Emerging Infectious Diseases (ELC) non-research program (CDC-RFA-CK19-1904). This NOFO complements these cooperative agreements, by supporting non-research implementation evaluations of approved vector prevention and control tools, strategies, and programs, as well as supporting training and partnerships that build regional capacity to expand vector-borne disease prevention programs. Prior funding opportunities can be found searching the above funding opportunity numbers at Search Grants | GRANTS.GOV

2. CDC Project Description

a. Approach

Bold indicates period of performance outcome.

CDC-RFA-CK-23-0005 Logic Model: Strengthening Training, Evaluation, and Partnerships in the Prevention and Control of Vector-Borne Diseases.

Strategies and Activities	**Short-term Outcomes**	**Intermediate Outcomes**	**Long-term Outcomes**
TRAIN – Increase opportunities for students and professionals to receive training in vector-borne disease (VBD) prevention and control **EVALUATE** – Evaluate the impact and effectiveness of vector-borne disease prevention and control programs, tools, and strategies **PARTNER** – Build partnerships among relevant stakeholders	**Improved and standardized VBD prevention and control training and education** **Increased number of VBD students and professionals are trained in best practices** **Increased awareness of VBD prevention and control among professionals and students of universities, colleges, and community colleges** **New and improved vector control programs, tools, and strategies, are evaluated at state and local agencies** **New or stronger collaborative activities between universities and college community with federal, state and local agencies** **Increased number of VBD prevention and control**	Improved understanding of risk, prevention, and control of VBDs among VBD workforce **Improved quality training and education that recognizes and reflects the diversity of the communities they are trying to reach** Improved ability of public health and vector control professionals to explain VBD to others, including the public Improved ability of public health and vector-control professionals to assess VBD risks and implement the appropriate VBD prevention and control processes and procedures **Increased adoption and use of new and existing vector control tools, strategies, and programs developed or facilitated by training center, at the institution, community, local, or state level, as appropriate**	Reduced morbidity and mortality of VBD in the U.S. Strengthened public health workforce with knowledge and capacity for VBD control and prevention Improved clinical outcomes among patients with VBDs

	resources are evaluated by VBD professionals		

i. Purpose

This cooperative agreement will ultimately improve public health and clinical outcomes, strengthen the public health workforce, and establish partnerships that seek to prevent and control emerging or re-emerging vector-borne diseases.

ii. Outcomes

The outcomes include short-term and intermediate outcomes from the logic model that recipients are expected to achieve during the period of performance, as well as additional possible outcomes. Not all outcomes will be relevant to every recipient's project plan and will depend on the program strategies used by the recipient.

Training and Education

- **Improved and standardized VBD prevention and control training and education** for each targeted VBD prevention and control professional and student group (Note: for this NOFO, VBD prevention and control professionals and students may include those in or students of the following fields: human or veterinary medicine, entomology, vector control, public health, and environmental health)
    - Training and education goals for VBD prevention and control are defined as justified by needs assessments
    - Effective VBD prevention and control training and education approaches are developed, implemented, and improved to address identified needs
    - Effective VBD prevention and control training and education approaches are developed and implemented in response to an emerging vector-borne disease threat or public health emergency
- **Increased number of VBD students and professionals are trained in best practices** at universities, colleges, and community colleges; this could include students receiving associate, undergraduate, and graduate degrees, as well as students completing post-doctoral education, certificate programs, or continuing education programs
    - Increased understanding by clinicians of the local risk of VBD in their area
    - Clinicians more often applying best practices to the diagnosis, treatment, and management of VBDs, including practices described in CDC's clinician training modules
- **Increased awareness of VBD prevention and control among professionals and students of universities, colleges, and community colleges**
    - Improved understanding of risk, prevention, and control of VBDs among VBD workforce
    - Improved ability of public health and vector control professionals to explain VBD to others, including the public

    - Improved ability of public health and vector-control professionals to assess VBD risks and implement the appropriate VBD prevention and control processes and procedures

- **Improved quality training and education that recognizes and reflects the diversity of the communities they are trying to reach**

Evaluation

- **New and improved vector control programs, tools, and strategies, are evaluated at state and local agencies**
    - Operational use of approved VBD prevention and control tools, strategies, and programs are evaluated
    - VBD prevention and control trainings are evaluated, with feedback from VBD professionals and community members, as appropriate
    - Vector control programs, tools, and strategies, are evaluated at state and local agencies in response to an emerging vector-borne disease threat or public health emergency

- **Increased adoption and use of new and existing vector control tools, strategies, and programs developed or facilitated by training center, at the institution, community, local, or state level, as appropriate**

Partnerships

- **New or stronger collaborative activities between universities and college community with federal, state and local agencies**
    - Partnerships are established to conduct planned trainings and evaluations as needed, including those in response to an emerging vector-borne diseases threat or public health emergency

- **Increased number of VBD prevention and control resources are evaluated by VBD professionals**
    - Evidence that partnerships resulted in better uptake of prevention strategies and associated public health outcomes

iii. Strategies and Activities

Applicants must propose activities for all required activities below and may propose optional or additional activities of their choosing that track to one or more of the three program strategies. Applicants should also address how activities across all strategies would be implemented or modified in response to an emerging vector-borne disease threat or public health emergency.

STRATEGY 1: TRAIN - Increase opportunities for students and professionals to receive training in vector-borne disease (VBD) prevention and control

Required activities:

- Conduct training and educational needs assessments for VBD prevention and control professionals and students to develop and maintain readiness across the existing VBD workforce

    - Needs assessments should include an evaluation of existing trainings and curriculum to identify gaps and avoid redundancy

- Define training and education goals for VBD prevention and control programs
- Train undergraduates, graduate students, or post-doctoral fellows, such as those involved in the fields of human or veterinary medicine, entomology, vector control, public health, and environmental health, to strengthen the workforce of prepared VBD prevention and control professionals
- Train and educate VBD prevention and control professionals, such as those involved in the fields of human or veterinary medicine, entomology, vector control, public health, and environmental health
    - Examples of trainings for professionals could include in-person workshops, boot camps, certificate programs, practical field-based training, and online training
    - Applicants are encouraged to develop programs that would include continuation education (CE) credit or other educational incentives where appropriate (e.g., clinician training)
- Develop and implement an evaluation and performance monitoring/improvement plan to evaluate impact of training programs and ensure training goals are accomplished

Optional activities:

- Conduct training at the community college level, including establishing partnerships with community colleges and offering online, hybrid, or in-person associate degree programs for vector control
- Support fellowships focused on medical entomology and the prevention and control of VBDs
- Include vector-borne disease prevention and control curriculum in non-medical entomology degree programs, such as those in human or veterinary medicine, nursing, law, public health, or environmental health

Training may be conducted in international locations if the training benefits US domestic preparedness.

STRATEGY 2: EVALUATE - Evaluate the impact and effectiveness of VBD prevention and control tools, strategies, and programs

Required activities:

- Evaluate the operational use of approved VBD prevention and control tools, strategies, and programs

Optional activities:

- Implement and evaluate vector or VBD surveillance tools and programs
- Evaluate meaningful outcomes (reduction in vector abundance, biting rates, infection rates in vectors) of commercially available products when these products are applied by the intended end users (e.g., state and local health departments, pest control organizations, homeowners)

    - Optimize and standardize implementation of these vector control products
- Evaluate health communication activities and products implemented at state, local, territorial, and Tribal levels; health communication messages should be coordinated with CDC technical advisors to ensure consistency with CDC messaging
- Evaluate public health program implementations
- Determine cost-effectiveness of VBD prevention and control tools, strategies, and programs, including for vaccines or vector control
- Evaluate community acceptance of VBD prevention and control tools, strategies, and programs, including for vaccines or vector control

STRATEGY 3: PARTNER - Build partnerships among relevant stakeholders to accomplish the activities proposed in Strategies 1 and 2

Required activities:

- Establish collaborative partnerships in VBD prevention and control, involving relevant partners needed to develop and implement training and evaluation activities (e.g., vector control organizations; universities; healthcare organizations; state, tribal, territorial, city, and county health departments; local vector control organizations; professional organizations; private industry or relevant federal agencies such as CDC, United States Department of Agriculture (USDA), Federal Drug Administration (FDA), Federal Emergency Management Agency (FEMA), United States Fish and Wildlife Service (USFWS), National Institutes of Health (NIH), National Park Service (NPS), and/or Environmental Protection Agency (EPA)

Optional activities:

- Embed graduate, undergraduate, associate degree students, or fellows in vector control organizations or state, Tribal, territorial, city, or county health departments
- Eligible institutions in U.S. non-continental United States (CONUS) locations (e.g., Caribbean and Pacific Island U.S. territories) as well as Tribal nations are encouraged to be included in applicant partnership activities, as relevant to the applicant's goals

1. Collaborations

a. With other CDC projects and CDC-funded organizations:

Collaboration with other CDC programs and CDC-funded organizations is not required but is encouraged. Recipients of this award will be expected to collaborate/coordinate to amplify the goals of this program, as described in the program guidance. Recipients are encouraged to work with CDC and other CDC implementing partners, including non-governmental organizations, academic institutions, and other entities that receive CDC funds. The specific organizations to be targeted for collaboration will be dependent on the specific work plan of the recipient. Recipients should ensure their proposed activities are not duplicating activities already funded by other CDC or federal grants, contracts, and cooperative agreements or implemented by other CDC or federally funded organizations.

b. With organizations not funded by CDC:

This funding opportunity may support multiple organizations to address public health threats from vector-borne diseases. Applicants should expect to coordinate with other recipients to amplify the goals of the program, as described in the program's guidance.

Applicants should identify the organizations, networks, sectors, and partners (not funded by CDC) that are needed to successfully implement the work proposed. For these collaborations, applicants should describe 1) the extent of the current collaboration with those entities, 2) the specific objectives of the partnerships for the purposes of implementing strategies and activities in this NOFO, and 3) any funding or sharing of resources that the applicant proposes to give the partner organization.

2. Target Populations

The target population includes, but is not limited to, all individuals engaged in any aspect of public health and patient care related to vector-borne diseases. This cooperative agreement should directly impact the health of the public, through prevention and control activities within vector-borne disease field and seeks to fund organizations that reach occupational groups related the prevention and control of vector-borne diseases (e.g., sanitation workers, public health professionals, hospital associations, professional associations, entomologists, vector control professionals, veterinarians, veterinary assistants, as well as doctors, nurses, and nurse assistants).

a. Health Disparities

This cooperative agreement includes program activities that can be used to focus training efforts on students and occupational groups that will or do serve populations at disproportionate risk of vector-bornes and/or adverse outcomes associated with vector-borne diseases. In targeting specialty and subspecialty organizations, efforts may reach groups that are currently unable to access or benefit from existing vector-borne training and prevention/control efforts, including areas not currently served by the Vector-Borne Diseases Centers for Excellence. In addition, CDC seeks to fund organizations that specialize in reaching populations that may be lower income, in rural areas without easy access to vector control or healthcare services, and/or members of minority communities that might experience higher rates of vector-borne diseases or adverse outcomes and/or be limited by access to tailored vector-borne disease information that meet their specific needs.

Applicants should have a plan in place to use health equity approaches (https://www.cdc.gov/healthequity/whatis/index.html) to design solutions that are inclusive of and designed for populations that might be directly impacted or have increased risk for vector-borne diseases, including but not limited to rural, native, and Tribal populations, populations with disabilities; non-English speaking populations; lesbian, gay, bisexual, and transgender (LGBT) populations; people with limited health literacy; immunocompromised persons; and/or other at-risk populations.

Applicants must describe the specific target population(s) and explain how they will monitor and achieve the goals of the award, promote health equity, and prevent or reduce health disparities. The applicants must also address how they will include specific populations that can benefit from the program that is described in the Approach section. Applicants must address the Target Populations and Health Disparities requirements as described in the CDC Project Description.

iv. Funding Strategy

This NOFO intends to fund recipients that are uniquely suited (i.e., have the necessary technical expertise, infrastructure, partnerships, and management capabilities) to make substantial contributions to the progress of the strategies and outcomes in the logic model. The applicant should focus their application on the required strategies as well as additional strategies to which they are best suited to implement. The activities in this NOFO are intended to be funded on an annual basis. Year one and future years' funding levels are dependent on funding availability. For planning purposes, applicants should estimate an average annual funding level for each award of $1,750,000 per year. Funding levels are subject to change and are dependent on the availability of funds.

The funding strategy is also designed to collect proposals from approved applicants and designate them as "approved but unfunded" (ABU). Funding in some years may result in the increase of the number of recipients funded and depend on CDC identification of a public health need to address vector-borne disease needs or threats. Depending on the nature of the need, specific applicants and specific components of their applications will be selected for funding. These funding decisions will take into account various relevant factors such as geographic location of the emergency, expectations of spread, applicant's capabilities, national priorities, etc. Recipients will be provided with an opportunity to develop a customized project plan that builds off their initial project plan, once the vector-borne disease need is identified.

Recipients may be funded out of rank order, depending on the proposed activities, response to CDC priorities outlined in this NOFO, and regional area covered. Additional details can be found in the Review and Selection Process section Phase III Review

b. Evaluation and Performance Measurement

i. CDC Evaluation and Performance Measurement Strategy

The evaluation and performance measurement strategy will help demonstrate achievement of program outcomes; build a stronger evidence base for specific program strategies; clarify applicability of the evidence base to different populations, settings, and contexts; and drive continuous program improvement. Evaluation findings and performance measures will be used to demonstrate the value of this program and describe effective implementation of the NOFO.

Recipients will be responsible for data collection and reporting. Recipients will submit to CDC the required data and any other information required. These data and information will be used by CDC to monitor indicators, document progress, and generate feedback reports regarding program accomplishments.

At the core of the evaluation and performance measure strategy is a set of process measures and outputs to track implementation of the strategies, and outcome measures to monitor achievement of the outcomes expected in the period of performance.

Proposed measures for an applicant's performance plan might include:

TRAIN

- Number of needs assessments performed
- Number of trainings held to educate the target audience on vector-borne disease prevention and control
- Number of training tools (modules, online courses, guidance documents, etc.) created, standardized or improved during period of performance, inlcuding highlighting ones that recognize and reflect the diversity of the communities they are trying to reach
- Number and students and professionals trained
- Number of prevention and control training and education approaches developed, implemented in response to an emerging vector-borne disease threat or public health emergency

EVALUATE

- Number of new and improved vector control programs, tools, and strategies evaluated at state and local agencie**s**
- Number of evaluations conducted on vector control programs, tools, and strategies, at state and local agencies
- Evaluation findings are included in performance monitoring reports to CDC
- Number of evaluations conducted on vector control programs, tools, and strategies in international settings
- Number of adopted vector control tools, strategies, and programs developed or facilitated by training center, at the institution, community, local, or state level

PARTNER

- Number of vector control tools, strategies, and programs developed or facilitated by training center, adopted at the institution, community, local, or state level
- Number of new partnerships developed with universities and college community with federal, state and local and international agencies

ii. Applicant Evaluation and Performance Measurement Plan

Applicants must provide an evaluation and performance measurement plan that demonstrates how the recipient will fulfill the requirements described in the CDC Evaluation and Performance Measurement and Project Description sections of this NOFO. At a minimum, the plan must describe:

- How the applicant will collect the performance measures, respond to the evaluation questions, and use evaluation findings for continuous program quality improvement.
- How key program partners will participate in the evaluation and performance measurement planning processes.
- Available data sources, feasibility of collecting appropriate evaluation and performance data, and other relevant data information (e.g., performance measures proposed by the applicant)
- Plans for updating the Data Management Plan (DMP) as new pertinent information becomes available. If applicable, throughout the lifecycle of the project. Updates to DMP should be provided in annual progress reports. The DMP should provide a

description of the data that will be produced using these NOFO funds; access to data; data standards ensuring released data have documentation describing methods of collection, what the data represent, and data limitations; and archival and long-term data preservation plans. For more information about CDC's policy on the DMP, see https://www.cdc.gov/grants/additional-requirements/ar-25.html.

Where the applicant chooses to, or is expected to, take on specific evaluation studies, the applicant should be directed to:

- Describe the type of evaluations (i.e., process, outcome, or both).
- Describe key evaluation questions to be addressed by these evaluations.
- Describe other information (e.g., measures, data sources).

Recipients will be required to submit a more detailed Evaluation and Performance Measurement plan, including a DMP, if applicable, within the first 6 months of award, as described in the Reporting Section of this NOFO.

c. Organizational Capacity of Recipients to Implement the Approach

Applicants must possess the organizational capacity and skills needed to implement the award including the capability to:

- Train university and college students and professionals;
- Evaluate the implementation of vector-borne disease prevention and control tools, programs, and strategies;
- Reach and engage a national or regional network of professionals in an occupational category(ies) that is an integral part of the prevention and control of vector-borne diseases; and
- Inform, educate, and empower professional staff engaged in the prevention and control of vector-borne diseases.

In support of these capabilities, applicants must demonstrate their capacity to implement the required activities and provide information that:

- Demonstrates existing organizational capacity for program and staffing management; performance measurement, and evaluation systems; financial reporting systems; communication, technological, and data systems required to implement the activities in an effective and expedited manner; physical infrastructure and equipment; and workforce capacity to successfully execute all proposed strategies and activities based on the planning scenario;
- Demonstrates the organizational capacity to manage partnerships with other organizations to complete objectives in this NOFO; and
- Depicts or explains the current organizational relationship of their proposed partnerships.

Recipients must have the ability to (1) submit an amended budget within 30 days of the issued notice of award, (2) procure equipment, services, etc., (3) hire or contract for temporary staffing, and (4) execute a contract within 30 days after approval of the amended budget. Recipients must agree to submit quarterly spend reports to the CDC project officer for any awards made under this NOFO.

d. Work Plan
The work plan should address the strategy(ies) specified for required activities as well as additional proposed activities.

Work plans should contain a detailed description of the work to be completed in year one and projection of activities to be completed in future years of the 5-year period of performance, pending available funding and successful submission of continuation applications. Activities proposed should align with the approach (logic model, strategies, activities, outcomes, and evaluation/performance measures) outlined throughout this funding announcement.

Post-award, the proposed work plan and activities may be adjusted in collaboration with CDC to better address the overarching goals of the NOFO. Recipients should be able to revise work plans as emerging needs arise and/or upon discussion with CDC program staff. Applicants should ensure that implementation of activities in support of a strategy(ies) is supported by guidance, interim guidance, recommendations, and/or tools provided by the CDC.

e. CDC Monitoring and Accountability Approach
Monitoring activities include routine and ongoing communication between CDC and recipients, site visits, and recipient reporting (including work plans, performance, and financial reporting). Consistent with applicable grants regulations and policies, CDC expects the following to be included in post-award monitoring for grants and cooperative agreements:

- Tracking recipient progress in achieving the desired outcomes.
- Ensuring the adequacy of recipient systems that underlie and generate data reports.
- Creating an environment that fosters integrity in program performance and results.

Monitoring may also include the following activities deemed necessary to monitor the award:

- Ensuring that work plans are feasible based on the budget and consistent with the intent of the award.
- Ensuring that recipients are performing at a sufficient level to achieve outcomes within stated timeframes.
- Working with recipients on adjusting the work plan based on achievement of outcomes, evaluation results and changing budgets.
- Monitoring performance measures (both programmatic and financial) to assure satisfactory performance levels.

Monitoring and reporting activities that assist grants management staff (e.g., grants management officers and specialists, and project officers) in the identification, notification, and management of high-risk recipients.

f. CDC Program Support to Recipients

CDC staff will be involved in the program activities beyond routine cooperative agreement monitoring. CDC National Center for Emerging and Zoonotic Infectious Diseases, Division of Vector-Borne Diseases (DVBD) subject matter experts will serve in technical monitoring roles

for specific activities, segments, or aspects of a recipient's work plan. To assist recipients in achieving the outcomes of this NOFO, CDC will conduct the following activities:

- Provide ongoing guidance, programmatic support, training, and technical assistance as related to activities outlined in this funding announcement;
- Facilitate communication among recipients to advance the sharing of expertise on program activities; and
- Coordinate planning and implementation activities with other organizational and/or federal partners as needed.

B. Award Information

1. Funding Instrument Type:
CA (Cooperative Agreement)
CDC's substantial involvement in this program appears in the CDC Program Support to Recipients Section.

2. Award Mechanism:
U50

3. Fiscal Year:
2023

4. Approximate Total Fiscal Year Funding:
$8,750,000

5. Total Period of Performance Funding:
$43,750,000
This amount is subject to the availability of funds.

Estimated Total Funding:
$43,750,000

6. Total Period of Performance Length:
5 year(s)

year(s)

7. Expected Number of Awards:
10
At this time, CDC estimates that ~5-10 applicants will initially be awarded in response to this NOFO in year 1. This is subject to change. All other approved applicants will be added to the approved but unfunded (ABU) roster listing. Applicants on the ABU list may be funded in response to other emerging challenges and opportunities, as the need arises, for up to twenty-four months from the date of the ABU letter.

8. Approximate Average Award:

$1,750,000

Per Budget Period

9. Award Ceiling:
$0
Per Budget Period

This amount is subject to the availability of funds.

10. Award Floor:
$0
Per Budget Period

For planning and budgeting purposes, one may use $1,750,000 for the initial budget period.

11. Estimated Award Date:
June 30, 2023

12. Budget Period Length:
12 month(s)

Throughout the project period, CDC will continue the award based on the availability of funds, the evidence of satisfactory progress by the recipient (as documented in required reports), and the determination that continued funding is in the best interest of the federal government. The total number of years for which federal support has been approved (project period) will be shown in the "Notice of Award." This information does not constitute a commitment by the federal government to fund the entire period. The total period of performance comprises the initial competitive segment and any subsequent non-competitive continuation award(s).

13. Direct Assistance
Direct Assistance (DA) is not available through this NOFO.

If you are successful and receive a Notice of Award, in accepting the award, you agree that the award and any activities thereunder are subject to all provisions of 45 CFR part 75, currently in effect or implemented during the period of the award, other Department regulations and policies in effect at the time of the award, and applicable statutory provisions.

C. Eligibility Information

1. Eligible Applicants

Eligibility Category:
00 (State governments)

01 (County governments)

02 (City or township governments)

04 (Special district governments)

05 (Independent school districts)

06 (Public and State controlled institutions of higher education)

07 (Native American tribal governments (Federally recognized))

08 (Public housing authorities/Indian housing authorities)

11 (Native American tribal organizations (other than Federally recognized tribal governments))

12 (Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education)

13 (Nonprofits without 501(c)(3) status with the IRS, other than institutions of higher education)

20 (Private institutions of higher education)

22 (For profit organizations other than small businesses)

23 (Small businesses)

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

99 (Unrestricted (i.e., open to any type of entity above), subject to any clarification in text field entitled "Additional Information on Eligibility")

Additional Eligibility Category:

Government Organizations:

State governments or their bona fide agents (includes the District of Columbia)

Local governments or their bona fide agents

Territorial governments or their bona fide agents in the Commonwealth of Puerto Rico, the Virgin Islands, the Commonwealth of the Northern Marianna Islands, American Samoa, Guam, the Federated States of Micronesia, the Republic of the Marshall Islands, and the Republic of Palau

State controlled institutions of higher education

American Indian or Alaska Native tribal governments (federally recognized or state-recognized)

Non-government Organizations

American Indian or Alaska native tribally designated organizations

Other

Ministries of Health

2. Additional Information on Eligibility

NA

3. Justification for Less than Maximum Competition

NA

4. Cost Sharing or Matching

Cost Sharing / Matching Requirement:
No

Cost sharing or matching of funds is not required for this program. Although no statutory matching requirement for this NOFO exists, leveraging other resources and related ongoing efforts to promote sustainability is strongly encouraged.

5. Maintenance of Effort

D. Application and Submission Information

1. Required Registrations

An organization must be registered at the three following locations before it can submit an application for funding at www.grants.gov.

PLEASE NOTE: Effective April 4, 2022, applicants must have a Unique Entity Identifier (UEI) at the time of application submission (SF-424, field 8c). The UEI is generated as part of SAM.gov registration. Current SAM.gov registrants have already been assigned their UEI and can view it in SAM.gov and Grants.gov. Additional information is available on the GSA website, SAM.gov, and Grants.gov- Finding the UEI.

a. Unique Entity Identifier (UEI):

All applicant organizations must obtain a Unique Entity Identifier (UEI) number by registering in SAM.gov prior to submitting an application. A UEI number is a unique twelve-digit identification number assigned to the registering organization.

If funds are awarded to an applicant organization that includes sub-recipients, those sub-recipients must provide their UEI numbers before accepting any funds.

b. System for Award Management (SAM):

The SAM is the primary registrant database for the federal government and the repository into which an entity must submit information required to conduct business as a recipient. All applicant organizations must register with SAM, and will be assigned a SAM number and a Unique Entity Identifier (UEI). All information relevant to the SAM number must be current at all times during which the applicant has an application under consideration for funding by CDC. If an award is made, the SAM information must be maintained until a final financial report is submitted or the final payment is received, whichever is later. The SAM registration process can require 10 or more business days, and registration must be renewed annually. Additional information about registration procedures may be found at SAM.gov and the SAM.gov Knowledge Base.

c. Grants.gov:

The first step in submitting an application online is registering your organization at www.grants.gov, the official HHS E-grant Web site. Registration information is located at the "Applicant Registration" option at www.grants.gov.

All applicant organizations must register at www.grants.gov. The one-time registration process

usually takes not more than five days to complete. Applicants should start the registration process as early as possible.

Step	System	Requirements	Duration	Follow Up
1	System for Award Management (SAM)	1. Go to SAM.gov and designate an E-Biz POC (You will need to have an active SAM account before you can register on grants.gov). The UEI is generated as part of your registration.	3-5 Business Days but up to 2 weeks and must be renewed once a year	For SAM Customer Service Contact https://fsd.gov/ fsd-gov/home.do Calls: 866-606-8220
2	Grants.gov	1. Set up an individual account in Grants.gov using organization's new UEI number to become an Authorized Organization Representative (AOR) 2. Once the account is set up the E-BIZ POC will be notified via email 3. Log into grants.gov using the password the E-BIZ POC received and create new password 4. This authorizes the AOR to submit applications on behalf of the organization	It takes one day (after you enter the EBiz POC name and EBiz POC email in SAM) to receive a UEI (SAM) which will allow you to register with Grants.gov and apply for federal funding.	Register early! Applicants can register within minutes.

2. Request Application Package

Applicants may access the application package at www.grants.gov.

3. Application Package

Applicants must download the SF-424, Application for Federal Assistance, package associated with this notice of funding opportunity at www.grants.gov.

4. Submission Dates and Times

If the application is not submitted by the deadline published in the NOFO, it will not be processed. Office of Grants Services (OGS) personnel will notify the applicant that their application did not meet the deadline. The applicant must receive pre-approval to submit a paper application (see Other Submission Requirements section for additional details). If the applicant is authorized to submit a paper application, it must be received by the deadline provided by OGS.

a. Letter of Intent Deadline (must be emailed)

Due Date for Letter Of Intent 12/22/2022

12/22/2022

b. Application Deadline

Due Date for Applications 02/03/2023

02/03/2023
11:59 pm U.S. Eastern Time, at www.grants.gov. If Grants.gov is inoperable and cannot receive applications, and circumstances preclude advance notification of an extension, then applications must be submitted by the first business day on which Grants.gov operations resume.

Due Date for Information Conference Call
Tuesday, January 10, 2023, 1:00 pm Mountain Time

To join via Zoom, paste the following link into the address bar of your web browser

https://cdc.zoomgov.com/s/1608356541

Or join webinar via phone

Dial:	US : +1 669 254 5252 or +1 669 216 1590 or +1 646 828 7666 or +1 551 285 1373
Webinar ID:	160 835 6541
Passcode:	13432391

5. Pre-Award Assessments

Risk Assessment Questionnaire Requirement

CDC is required to conduct pre-award risk assessments to determine the risk an applicant poses to meeting federal programmatic and administrative requirements by taking into account issues such as financial instability, insufficient management systems, non-compliance with award conditions, the charging of unallowable costs, and inexperience. The risk assessment will include an evaluation of the applicant's CDC Risk Questionnaire, located at https://www.cdc.gov/grants/documents/PPMR-G-CDC-Risk-Questionnaire.pdf, as well as a review of the applicant's history in all available systems; including OMB-designated repositories of government-wide eligibility and financial integrity systems (see 45 CFR 75.205(a)), and other sources of historical information. These systems include, but are not limited to: FAPIIS (https://www.fapiis.gov/), including past performance on federal contracts as per Duncan Hunter National Defense Authorization Act of 2009; Do Not Pay list; and System for Award Management (SAM) exclusions.

CDC requires all applicants to complete the Risk Questionnaire, OMB Control Number 0920-1132 annually. This questionnaire, which is located at https://www.cdc.gov/grants/documents/PPMR-G-CDC-Risk-Questionnaire.pdf, along with supporting documentation must be submitted with your application by the closing date of the Notice of Funding Opportunity Announcement. If your organization has completed CDC's Risk Questionnaire within the past 12 months of the closing date of this NOFO, then you must submit a copy of that questionnaire, or submit a letter signed by the authorized organization representative to include the original submission date, organization's EIN and UEI.

When uploading supporting documentation for the Risk Questionnaire into this application package, clearly label the documents for easy identification of the type of documentation. For example, a copy of Procurement policy submitted in response to the questionnaire may be labeled using the following format: Risk Questionnaire Supporting Documents _ Procurement Policy.

Duplication of Efforts

Applicants are responsible for reporting if this application will result in programmatic, budgetary, or commitment overlap with another application or award (i.e. grant, cooperative agreement, or contract) submitted to another funding source in the same fiscal year. Programmatic overlap occurs when (1) substantially the same project is proposed in more than one application or is submitted to two or more funding sources for review and funding consideration or (2) a specific objective and the project design for accomplishing the objective are the same or closely related in two or more applications or awards, regardless of the funding source. Budgetary overlap occurs when duplicate or equivalent budgetary items (e.g., equipment, salaries) are requested in an application but already are provided by another source. Commitment overlap occurs when an individual's time commitment exceeds 100 percent, whether or not salary support is requested in the application. Overlap, whether programmatic, budgetary, or commitment of an individual's effort greater than 100 percent, is not permitted. Any overlap will be resolved by the CDC with the applicant and the PD/PI prior to award.

Report Submission: The applicant must upload the report in Grants.gov under "Other Attachment Forms." The document should be labeled: "Report on Programmatic, Budgetary, and Commitment Overlap."

6. Content and Form of Application Submission

Applicants are required to include all of the following documents with their application package at www.grants.gov.

7. Letter of Intent

The purpose of an LOI is to allow CDC program staff to estimate the number of and plan for the review of submitted applications. Although we encourage applicants to submit a LOI, it is not required. The letter of intent should be submitted by December 22, 2022 and include:

- Descriptive title of proposed project
- Name, address, and telephone number of the Principal Investigator(s)
- Names of other key personnel
- Participating institutions

LOI must be sent via email to:

Jeff N. Borchert, MS
Assistant Director for Extramural Programs
CDC, National Center for Emerging, Zoonotic and Infectious Diseases
Division of Vector-Borne Diseases
Email address: vectorpolicy@cdc.gov

8. Table of Contents

(There is no page limit. The table of contents is not included in the project narrative page limit.): The applicant must provide, as a separate attachment, the “Table of Contents” for the entire submission package.

Provide a detailed table of contents for the entire submission package that includes all of the documents in the application and headings in the "Project Narrative" section. Name the file "Table of Contents" and upload it as a PDF file under "Other Attachment Forms" at www.grants.gov.

9. Project Abstract Summary

A project abstract is included on the mandatory documents list and must be submitted at www.grants.gov. The project abstract must be a self-contained, brief summary of the proposed project including the purpose and outcomes. This summary must not include any proprietary or confidential information. Applicants must enter the summary in the "Project Abstract Summary" text box at www.grants.gov.

10. Project Narrative

(Unless specified in the "H. Other Information" section, maximum of 20 pages, single spaced, 12 point font, 1-inch margins, number all pages. This includes the work plan. Content beyond the specified page number will not be reviewed.)

Applicants must submit a Project Narrative with the application forms. Applicants must name this file “Project Narrative” and upload it at www.grants.gov. The Project Narrative must include **all** of the following headings (including subheadings): Background, Approach, Applicant Evaluation and Performance Measurement Plan, Organizational Capacity of Applicants to Implement the Approach, and Work Plan. The Project Narrative must be succinct, self-explanatory, and in the order outlined in this section. It must address outcomes and activities to be conducted over the entire period of performance as identified in the CDC Project Description section. Applicants should use the federal plain language guidelines and Clear Communication Index to respond to this Notice of Funding Opportunity. Note that recipients should also use these tools when creating public communication materials supported by this NOFO. Failure to follow the guidance and format may negatively impact scoring of the application.

a. Background

Applicants must provide a description of relevant background information that includes the context of the problem (See CDC Background).

b. Approach

i. Purpose

Applicants must describe in 2-3 sentences specifically how their application will address the public health problem as described in the CDC Background section.

ii. Outcomes

Applicants must clearly identify the outcomes they expect to achieve by the end of the project period, as identified in the logic model in the Approach section of the CDC Project Description. Outcomes are the results that the program intends to achieve and usually indicate the intended direction of change (e.g., increase, decrease).

iii. Strategies and Activities

Applicants must provide a clear and concise description of the strategies and activities they will use to achieve the period of performance outcomes. Applicants must select existing evidence-based strategies that meet their needs, or describe in the Applicant Evaluation and Performance Measurement Plan how these strategies will be evaluated over the course of the project period. See the Strategies and Activities section of the CDC Project Description.

1. Collaborations

Applicants must describe how they will collaborate with programs and organizations either internal or external to CDC. Applicants must address the Collaboration requirements as described in the CDC Project Description.

The applicant should describe the likely success of their proposed approach

2. Target Populations and Health Disparities

Applicants must describe the specific target population(s) in their jurisdiction and explain how such a target will achieve the goals of the award and/or alleviate health disparities. The applicants must also address how they will include specific populations that can benefit from the program that is described in the Approach section. Applicants must address the Target Populations and Health Disparities requirements as described in the CDC Project Description.

c. Applicant Evaluation and Performance Measurement Plan

Applicants must provide an evaluation and performance measurement plan that demonstrates how the recipient will fulfill the requirements described in the CDC Evaluation and Performance Measurement and Project Description sections of this NOFO. At a minimum, the plan must describe:

- How applicant will collect the performance measures, respond to the evaluation questions, and use evaluation findings for continuous program quality improvement. The Paperwork Reduction Act of 1995 (PRA): Applicants are advised that any activities involving information collections (e.g., surveys, questionnaires, applications, audits, data requests, reporting, recordkeeping and disclosure requirements) from 10 or more individuals or non-Federal entities, including State and local governmental agencies, and funded or sponsored by the Federal Government are subject to review and approval by the Office of Management and Budget. For further information about CDC's requirements under PRA see http://www.hhs.gov/ ocio/policy/collection/.
- How key program partners will participate in the evaluation and performance measurement planning processes.

- Available data sources, feasibility of collecting appropriate evaluation and performance data, data management plan (DMP), and other relevant data information (e.g., performance measures proposed by the applicant).

Where the applicant chooses to, or is expected to, take on specific evaluation studies, they should be directed to:

- Describe the type of evaluations (i.e., process, outcome, or both).
- Describe key evaluation questions to be addressed by these evaluations.
- Describe other information (e.g., measures, data sources).

Recipients will be required to submit a more detailed Evaluation and Performance Measurement plan (including the DMP elements) within the first 6 months of award, as described in the Reporting Section of this NOFO.

d. Organizational Capacity of Applicants to Implement the Approach

Applicants must address the organizational capacity requirements as described in the CDC Project Description.

11. Work Plan

(Included in the Project Narrative's page limit)

Applicants must prepare a work plan consistent with the CDC Project Description Work Plan section. The work plan integrates and delineates more specifically how the recipient plans to carry out achieving the period of performance outcomes, strategies and activities, evaluation and performance measurement.

Additionally, the applicant should describe the likely success of their proposed approach.

12. Budget Narrative

Applicants must submit an itemized budget narrative. When developing the budget narrative, applicants must consider whether the proposed budget is reasonable and consistent with the purpose, outcomes, and program strategy outlined in the project narrative. The budget must include:

- Salaries and wages
- Fringe benefits
- Consultant costs
- Equipment
- Supplies
- Travel
- Other categories
- Contractual costs
- Total Direct costs

- Total Indirect costs

Indirect costs could include the cost of collecting, managing, sharing and preserving data.

Indirect costs on grants awarded to foreign organizations and foreign public entities and performed fully outside of the territorial limits of the U.S. may be paid to support the costs of compliance with federal requirements at a fixed rate of eight percent of MTDC exclusive of tuition and related fees, direct expenditures for equipment, and subawards in excess of $25,000. Negotiated indirect costs may be paid to the American University, Beirut, and the World Health Organization.

If applicable and consistent with the cited statutory authority for this announcement, applicant entities may use funds for activities as they relate to the intent of this NOFO to meet national standards or seek health department accreditation through the Public Health Accreditation Board (see: http://www.phaboard.org). Applicant entities to whom this provision applies include state, local, territorial governments (including the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, the Commonwealth of the Northern Marianna Islands, American Samoa, Guam, the Federated States of Micronesia, the Republic of the Marshall Islands, and the Republic of Palau), or their bona fide agents, political subdivisions of states (in consultation with states), federally recognized or state-recognized American Indian or Alaska Native tribal governments, and American Indian or Alaska Native tribally designated organizations. Activities include those that enable a public health organization to deliver public health services such as activities that ensure a capable and qualified workforce, up-to-date information systems, and the capability to assess and respond to public health needs. Use of these funds must focus on achieving a minimum of one national standard that supports the intent of the NOFO. Proposed activities must be included in the budget narrative and must indicate which standards will be addressed.

Vital records data, including births and deaths, are used to inform public health program and policy decisions. If applicable and consistent with the cited statutory authority for this NOFO, applicant entities are encouraged to collaborate with and support their jurisdiction's vital records office (VRO) to improve vital records data timeliness, quality and access, and to advance public health goals. Recipients may, for example, use funds to support efforts to build VRO capacity through partnerships; provide technical and/or financial assistance to improve vital records timeliness, quality or access; or support vital records improvement efforts, as approved by CDC.

Applicants must name this file "Budget Narrative" and upload it as a PDF file at www.grants.gov. If requesting indirect costs in the budget, a copy of the indirect cost-rate agreement is required. If the indirect costs are requested, include a copy of the current negotiated federal indirect cost rate agreement or a cost allocation plan approval letter for those Recipients under such a plan. Applicants must name this file "Indirect Cost Rate" and upload it at www.grants.gov.

The applicant should include a description of the estimated timelines for completion of all performance and work plan activities as well as obligation and liquidation of funds within the budget and period of performance. Please use the OGS Budget Guidelines to prepare your budget using this link Application Resources | Grants | CDC.

13. Funds Tracking

Proper fiscal oversight is critical to maintaining public trust in the stewardship of federal funds. Effective October 1, 2013, a new HHS policy on subaccounts requires the CDC to set up payment subaccounts within the Payment Management System (PMS) for all new grant awards. Funds awarded in support of approved activities and drawdown instructions will be identified on the Notice of Award in a newly established PMS subaccount (P subaccount). Recipients will be required to draw down funds from award-specific accounts in the PMS. Ultimately, the subaccounts will provide recipients and CDC a more detailed and precise understanding of financial transactions. The successful applicant will be required to track funds by P-accounts/sub accounts for each project/cooperative agreement awarded. Applicants are encouraged to demonstrate a record of fiscal responsibility and the ability to provide sufficient and effective oversight. Financial management systems must meet the requirements as described 45 CFR 75 which include, but are not limited to, the following:

- Records that identify adequately the source and application of funds for federally-funded activities.
- Effective control over, and accountability for, all funds, property, and other assets.
- Comparison of expenditures with budget amounts for each Federal award.
- Written procedures to implement payment requirements.
- Written procedures for determining cost allowability.
- Written procedures for financial reporting and monitoring.

14. Pilot Program for Enhancement of Employee Whistleblower Protections

Pilot Program for Enhancement of Employee Whistleblower Protections: All applicants will be subject to a term and condition that applies the terms of 48 Code of Federal Regulations (CFR) section 3.908 to the award and requires that recipients inform their employees in writing (in the predominant native language of the workforce) of employee whistleblower rights and protections under 41 U.S.C. 4712.

15. Copyright Interests Provisions

This provision is intended to ensure that the public has access to the results and accomplishments of public health activities funded by CDC. Pursuant to applicable grant regulations and CDC's Public Access Policy, Recipient agrees to submit into the National Institutes of Health (NIH) Manuscript Submission (NIHMS) system an electronic version of the final, peer-reviewed manuscript of any such work developed under this award upon acceptance for publication, to be made publicly available no later than 12 months after the official date of publication. Also at the time of submission, Recipient and/or the Recipient's submitting author must specify the date the final manuscript will be publicly accessible through PubMed Central (PMC). Recipient and/or Recipient's submitting author must also post the manuscript through PMC within twelve (12) months of the publisher's official date of final publication; however the author is strongly encouraged to make the subject manuscript available as soon as possible. The recipient must obtain prior approval from the CDC for any exception to this provision.

The author's final, peer-reviewed manuscript is defined as the final version accepted for journal publication, and includes all modifications from the publishing peer review process, and all graphics and supplemental material associated with the article. Recipient and its submitting authors working under this award are responsible for ensuring that any publishing or copyright agreements concerning submitted articles reserve adequate right to fully comply with this provision and the license reserved by CDC. The manuscript will be hosted in both PMC and the CDC Stacks institutional repository system. In progress reports for this award, recipient must identify publications subject to the CDC Public Access Policy by using the applicable NIHMS identification number for up to three (3) months after the publication date and the PubMed Central identification number (PMCID) thereafter.

16. Funding Restrictions

Restrictions that must be considered while planning the programs and writing the budget are:

- Recipients may not use funds for research.
- Recipients may not use funds for clinical care except as allowed by law.
- Recipients may use funds only for reasonable program purposes, including personnel, travel, supplies, and services.
- Generally, recipients may not use funds to purchase furniture or equipment. Any such proposed spending must be clearly identified in the budget.
- Reimbursement of pre-award costs generally is not allowed, unless the CDC provides written approval to the recipient.
- Other than for normal and recognized executive-legislative relationships, no funds may be used for:
    - publicity or propaganda purposes, for the preparation, distribution, or use of any material designed to support or defeat the enactment of legislation before any legislative body
    - the salary or expenses of any grant or contract recipient, or agent acting for such recipient, related to any activity designed to influence the enactment of legislation, appropriations, regulation, administrative action, or Executive order proposed or pending before any legislative body
- See Additional Requirement (AR) 12 for detailed guidance on this prohibition and additional guidance on lobbying for CDC recipients.
- The direct and primary recipient in a cooperative agreement program must perform a substantial role in carrying out project outcomes and not merely serve as a conduit for an award to another party or provider who is ineligible.

While applicants can be funded by multiple CDC funding mechanisms (e.g., cooperative agreements) for distinct activities, applicants must not be funded by any other CDC or non-CDC other funding mechanism to conduct work that duplicates efforts with the work proposed in their application for this NOFO.

17. Data Management Plan

As identified in the Evaluation and Performance Measurement section, applications involving data collection or generation must include a Data Management Plan (DMP) as part of their evaluation and performance measurement plan unless CDC has stated that CDC will take on the responsibility of creating the DMP. The DMP describes plans for assurance of the quality of the public health data through the data's lifecycle and plans to deposit the data in a repository to preserve and to make the data accessible in a timely manner. See web link for additional information:
https://www.cdc.gov/grants/additional-requirements/ar-25.html.

18. Other Submission Requirements

a. Electronic Submission:

Applications must be submitted electronically by using the forms and instructions posted for this notice of funding opportunity at www.grants.gov. Applicants can complete the application package using Workspace, which allows forms to be filled out online or offline. All application attachments must be submitted using a PDF file format. Instructions and training for using Workspace can be found at www.grants.gov under the "Workspace Overview" option.

b. Tracking Number: Applications submitted through www.grants.gov are time/date stamped electronically and assigned a tracking number. The applicant's Authorized Organization Representative (AOR) will be sent an e-mail notice of receipt when www.grants.gov receives the application. The tracking number documents that the application has been submitted and initiates the required electronic validation process before the application is made available to CDC.

c. Validation Process: Application submission is not concluded until the validation process is completed successfully. After the application package is submitted, the applicant will receive a "submission receipt" e-mail generated by www.grants.gov. A second e-mail message to applicants will then be generated by www.grants.gov that will either validate or reject the submitted application package. This validation process may take as long as two business days. Applicants are strongly encouraged to check the status of their application to ensure that submission of their package has been completed and no submission errors have occurred. Applicants also are strongly encouraged to allocate ample time for filing to guarantee that their application can be submitted and validated by the deadline published in the NOFO. Non-validated applications will not be accepted after the published application deadline date.

If you do not receive a "validation" e-mail within two business days of application submission, please contact www.grants.gov. For instructions on how to track your application, refer to the e-mail message generated at the time of application submission or the Grants.gov Online User Guide.

https:// www.grants.gov/help/html/help/index.htm? callingApp=custom#t=
Get_Started%2FGet_Started. htm

d. Technical Difficulties: If technical difficulties are encountered at www.grants.gov, applicants should contact Customer Service at www.grants.gov. The www.grants.gov Contact Center is available 24 hours a day, 7 days a week, except federal holidays. The Contact Center is available by phone at 1-800-518-4726 or by e-mail at support@grants.gov. Application submissions sent

by e-mail or fax, or on CDs or thumb drives will not be accepted. Please note that www.grants.gov is managed by HHS.

e. Paper Submission: If technical difficulties are encountered at www.grants.gov, applicants should call the www.grants.gov Contact Center at 1-800-518-4726 or e-mail them at support@grants.gov for assistance. After consulting with the Contact Center, if the technical difficulties remain unresolved and electronic submission is not possible, applicants may e-mail CDC GMO/GMS, before the deadline, and request permission to submit a paper application. Such requests are handled on a case-by-case basis.

An applicant's request for permission to submit a paper application must:

1. Include the www.grants.gov case number assigned to the inquiry
2. Describe the difficulties that prevent electronic submission and the efforts taken with the www.grants.gov Contact Center to submit electronically; and
3. Be received via e-mail to the GMS/GMO listed below at least three calendar days before the application deadline. Paper applications submitted without prior approval will not be considered.

   If a paper application is authorized, OGS will advise the applicant of specific instructions for submitting the application via email.

E. Review and Selection Process

1. Review and Selection Process: Applications will be reviewed in three phases

a. Phase 1 Review

All applications will be initially reviewed for eligibility and completeness by CDC Office of Grants Services. Complete applications will be reviewed for responsiveness by the Grants Management Officials and Program Officials. Non-responsive applications will not advance to Phase II review. Applicants will be notified that their applications did not meet eligibility and/or published submission requirements.

b. Phase II Review

A review panel will evaluate complete, eligible applications in accordance with the criteria below.

i. Approach
ii. Evaluation and Performance Measurement
iii. Applicant's Organizational Capacity to Implement the Approach

Not more than thirty days after the Phase II review is completed, applicants will be notified electronically if their application does not meet eligibility or published submission requirements

i. Approach	**Maximum Points:** 0
ii. Evaluation and Performance Measurement	**Maximum Points:** 0
iii. Applicant's Organizational Capacity to Implement the Approach	**Maximum Points:** 0

i. Approach **Maximum Points:** 35

- To what extent does the applicant clearly identify their training goals and objectives? (5 points)
- To what extent does the applicant clearly identify their evaluation goals and objectives? (5 points)
- How clearly does the work plan identify and quantify existing operational gaps and the root cause of the training and evaluation gaps to be addressed? (5 points)
- To what extent does the applicant clearly describe their proposed approach to accomplish activities in support of the three program strategies? (5 points)
- To what extent has the applicant described their approach to use a health equity lens to engage target populations and decrease health disparities among populations at increased risk for vector-borne diseases? (5 points)
- To what extent does the applicant clearly describe estimated timelines for completion of all performance and work plan activities as well as obligation and liquidation of funds within the budget and period of performance? (5 points)
- To what extent does the applicant provide description for the likely success of their proposed approach? (5 points)

ii. Evaluation and Performance Measurement **Maximum Points:** 25

- For each targeted program strategy, how well do the planned activities (short-term, intermediate, or long-term) align with successfully addressing the problem or gap within the target population? (10 points)
- To what extent is evidence provided that demonstrates that the activities and outcomes can be achieved during the period of performance? (5 points)
- How clearly does the evaluation and performance monitoring plan include the assessment and monitoring of appropriate performance metrics? (10 points)

iii. Applicant's Organizational Capacity to Implement the Approach **Maximum Points:** 40

- To what extent does the applicant describe in detail the type(s) of professional groups or occupational categories they can reach, the extent of their reach, and how the organization relates to the prevention and control of infectious diseases in the U.S.? (5 points)
- To what extent does the applicant demonstrate existing organizational capacity to conduct training, performing implementation evaluations, and establishing collaborative partnerships to conduct trainings and evaluations? (10 points)
- To what extent does the applicant demonstrate existing organizational capacity to implement and evaluate the use of vector-borne disease tools, programs, and strategies? (10 points)
- To what extent does the applicant provide evidence of existing organizational capacity for program and staffing management; performance measurement, and evaluation systems; financial reporting systems; communication, technological, and data systems required to implement the activities in an effective and expedited manner; physical infrastructure and equipment; and workforce capacity to successfully execute all proposed strategies and activities based on the planning scenario? (10 points)

- To what extent does the applicant demonstrate existing organizational capacity to establish and manage partnerships with other organizations to conduct training and implementation evaluations? (5 points)

iv. Budget **Maximum Points:** 0

- To what extent is the proposed budget consistent with stated program strategies and planned program activities?
- To what extent is the proposed budget adequately justified?

Budget **Maximum Points:** 0

c. Phase III Review

All applications are subject to CDC's standard internal objective review process using the criteria described within. To successfully implement the strategies in this NOFO and achieve the outcomes defined in the logic model, the following factors may affect the funding decision and CDC's decision not to fund in order by score and rank:

- Addressing geographic needs and achieve geographic diversity
- Vector-borne disease burden
- Populations disproportionately impacted by vector-borne diseases
- Ensure maximum coverage of target and diverse populations
- Ensure coverage of activities across all NOFO objectives and strategies to achieve desired outcomes
- Avoid funding duplicate or very similar lines of activities across strategies and componenets
- Respond to an unforeseen public health emergency
- Align with U.S Government, HHS, and/or CDC priorities and the priorities of the appropriation(s) used to fund this NOFO

CDC will provide justification for any decision to fund out of rank order. This funding opportunity will establish a roster of organizations that are pre-identified and pre-approved for funding (an approved but unfunded (ABU) list of recipients). The ABU list may be used to provide additional funding during the period of performance (if available) to respond to emerging vector-borne disease needs.

There is limited funding available at the time of this announcement. Additional funding will be contingent upon the availability of appropriations and is at CDC's sole discretion. CDC will provide additional information to recipients as needs arise.

Review of risk posed by applicants.

Prior to making a Federal award, CDC is required by 31 U.S.C. 3321 and 41 U.S.C. 2313 to review information available through any OMB-designated repositories of government-wide eligibility qualification or financial integrity information as appropriate. See also suspension and debarment requirements at 2 CFR parts 180 and 376.

In accordance 41 U.S.C. 2313, CDC is required to review the non-public segment of the OMB-designated integrity and performance system accessible through SAM (currently the Federal Recipient Performance and Integrity Information System (FAPIIS)) prior to making a Federal award where the Federal share is expected to exceed the simplified acquisition threshold, defined in 41 U.S.C. 134, over the period of performance. At a minimum, the information in the system for a prior Federal award recipient must demonstrate a satisfactory record of executing programs or activities under Federal grants, cooperative agreements, or procurement awards; and integrity and business ethics. CDC may make a Federal award to a recipient who does not fully meet these standards, if it is determined that the information is not relevant to the current Federal award under consideration or there are specific conditions that can appropriately mitigate the effects of the non-Federal entity's risk in accordance with 45 CFR §75.207.

CDC's framework for evaluating the risks posed by an applicant may incorporate results of the evaluation of the applicant's eligibility or the quality of its application. If it is determined that a Federal award will be made, special conditions that correspond to the degree of risk assessed may be applied to the Federal award. The evaluation criteria is described in this Notice of Funding Opportunity.

In evaluating risks posed by applicants, CDC will use a risk-based approach and may consider any items such as the following:

(1) Financial stability;

(2) Quality of management systems and ability to meet the management standards prescribed in this part;

(3) History of performance. The applicant's record in managing Federal awards, if it is a prior recipient of Federal awards, including timeliness of compliance with applicable reporting requirements, conformance to the terms and conditions of previous Federal awards, and if applicable, the extent to which any previously awarded amounts will be expended prior to future awards;

(4) Reports and findings from audits performed under subpart F 45 CFR 75 or the reports and findings of any other available audits; and

(5) The applicant's ability to effectively implement statutory, regulatory, or other requirements imposed on non-Federal entities.

CDC must comply with the guidelines on government-wide suspension and debarment in 2 CFR part 180, and require non-Federal entities to comply with these provisions. These provisions restrict Federal awards, subawards and contracts with certain parties that are debarred, suspended or otherwise excluded from or ineligible for participation in Federal programs or activities.

2. Announcement and Anticipated Award Dates

Announcement date: December 1, 2022
Letters of intent due: December 22, 2022
Informational webinar: January 10, 2023
Application submission due date: February 3, 2023
Anticipated award date: June 30, 2023
Anticipated start date: July 1, 2023

In future performance periods, CDC will provide additional information regarding when and how the awards will be announced, as determined by the emerging vector-borne disease issue. While email from the Grants Management Office will be the official route of communications, additional communications will be made through a variety of media to ensure awareness by ABU organizations that CDC will be implementing the provisions of this NOFO.

F. Award Administration Information

1. Award Notices

Recipients will receive an electronic copy of the Notice of Award (NOA) from CDC OGS. The NOA shall be the only binding, authorizing document between the recipient and CDC. The NOA will be signed by an authorized GMO and emailed to the Recipient Business Officer listed in application and the Program Director.

Any applicant awarded funds in response to this Notice of Funding Opportunity will be subject to annual SAM Registration and Federal Funding Accountability And Transparency Act Of 2006 (FFATA) requirements.

Unsuccessful applicants will receive notification of these results by e-mail with delivery receipt.

2. Administrative and National Policy Requirements

Recipients must comply with the administrative and public policy requirements outlined in 45 CFR Part 75 and the HHS Grants Policy Statement, as appropriate.

Brief descriptions of relevant provisions are available at https://www.cdc.gov/grants/additional-requirements/index.html.

The HHS Grants Policy Statement is available at http://www.hhs.gov/sites/default/files/grants/grants/policies-regulations/hhsgps107.pdf.

The full text of the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for HHS Awards, 45 CFR 75, can be found at: https://www.ecfr.gov/cgi-bin/text-idx?node=pt45.1.75

Should you successfully compete for an award, recipients of federal financial assistance (FFA) from HHS will be required to complete an HHS Assurance of Compliance form (HHS 690) in which you agree, as a condition of receiving the grant, to administer your programs in compliance with federal civil rights laws that prohibit discrimination on the basis of race, color, national origin, age, sex and disability, and agreeing to comply with federal conscience laws, where applicable. This includes ensuring that entities take meaningful steps to provide meaningful access to persons with limited English proficiency; and ensuring effective communication with persons with disabilities. Where applicable, Title XI and Section 1557 prohibit discrimination on the basis of sexual orientation, and gender identity. The HHS Office for Civil Rights provides guidance on complying with civil rights laws enforced by HHS. See https://www.hhs.gov/civil-rights/for-providers/provider- obligations/index.html and https://www.hhs.gov/civil-rights/for- individuals/nondiscrimination/index.html.

- For guidance on meeting your legal obligation to take reasonable steps to ensure meaningful access to your programs or activities by limited English proficient

individuals, see https://www.hhs.gov/civil-rights/for-individuals/special-topics/limited-english-proficiency/fact-sheet-guidance/index.html and https://www.lep.gov.

- For information on your specific legal obligations for serving qualified individuals with disabilities, including providing program access, reasonable modifications, and to provide effective communication, see http://www.hhs.gov/ocr/civilrights/understanding/disability/index.html.
- HHS funded health and education programs must be administered in an environment free of sexual harassment, see https://www.hhs.gov/civil-rights/for-individuals/sex-discrimination/index.html.
- For guidance on administering your project in compliance with applicable federal religious nondiscrimination laws and applicable federal conscience protection and associated anti-discrimination laws, see https://www.hhs.gov/conscience/conscience-protections/index.html and https://www.hhs.gov/conscience/religious-freedom/index.html.

3. Reporting

Reporting provides continuous program monitoring and identifies successes and challenges that recipients encounter throughout the project period. Also, reporting is a requirement for recipients who want to apply for yearly continuation of funding. Reporting helps CDC and recipients because it:

- Helps target support to recipients;
- Provides CDC with periodic data to monitor recipient progress toward meeting the Notice of Funding Opportunity outcomes and overall performance;
- Allows CDC to track performance measures and evaluation findings for continuous quality and program improvement throughout the period of performance and to determine applicability of evidence-based approaches to different populations, settings, and contexts; and
- Enables CDC to assess the overall effectiveness and influence of the NOFO.

The table below summarizes required and optional reports. All required reports must be sent electronically to GMS listed in the "Agency Contacts" section of the NOFO copying the CDC Project Officer.

Report	When?	Required?
Recipient Evaluation and Performance Measurement Plan, including Data Management Plan (DMP)	6 months into award	Yes
Annual Performance Report (APR)	No later than 120 days before end of budget period. Serves as yearly continuation application.	Yes
Data on Performance Measures	Quarterly	Yes
Federal Financial Reporting Forms	90 days after the end of the budget period	Yes

Final Performance and Financial Report	90 days after end of period of performance	Yes

a. Recipient Evaluation and Performance Measurement Plan (required)
With support from CDC, recipients must elaborate on their initial applicant evaluation and performance measurement plan. This plan must be no more than 20 pages; recipients must submit the plan 6 months into the award. HHS/CDC will review and approve the recipient's monitoring and evaluation plan to ensure that it is appropriate for the activities to be undertaken as part of the agreement, for compliance with the monitoring and evaluation guidance established by HHS/CDC, or other guidance otherwise applicable to this Agreement.

Recipient Evaluation and Performance Measurement Plan (required): This plan should provide additional detail on the following:

Performance Measurement

• Performance measures and targets
• The frequency that performance data are to be collected.
• How performance data will be reported.
• How quality of performance data will be assured.
• How performance measurement will yield findings to demonstrate progress towards achieving NOFO goals (e.g., reaching target populations or achieving expected outcomes).
• Dissemination channels and audiences.
• Other information requested as determined by the CDC program.

Evaluation

• The types of evaluations to be conducted (e.g. process or outcome evaluations).
• The frequency that evaluations will be conducted.
• How evaluation reports will be published on a publicly available website.
• How evaluation findings will be used to ensure continuous quality and program improvement.
• How evaluation will yield findings to demonstrate the value of the NOFO (e.g., effect on improving public health outcomes, effectiveness of NOFO, cost-effectiveness or cost-benefit).
• Dissemination channels and audiences.

HHS/CDC or its designee will also undertake monitoring and evaluation of the defined activities within the agreement. The recipient must ensure reasonable access by HHS/CDC or its designee to all necessary sites, documentation, individuals and information to monitor, evaluate and verify the appropriate implementation the activities and use of HHS/CDC funding under this Agreement.

b. Annual Performance Report (APR) (required)
The recipient must submit the APR via www.Grantsolutions.gov no later than 120 days prior to the end of the budget period. This report must not exceed 45 pages excluding administrative reporting. Attachments are not allowed, but web links are allowed.

This report must include the following:

- **Performance Measures:** Recipients must report on performance measures for each budget period and update measures, if needed.
- **Evaluation Results:** Recipients must report evaluation results for the work completed to date (including findings from process or outcome evaluations).
- **Work Plan:** Recipients must update work plan each budget period to reflect any changes in period of performance outcomes, activities, timeline, etc.
- **Successes**
    - Recipients must report progress on completing activities and progress towards achieving the period of performance outcomes described in the logic model and work plan.
    - Recipients must describe any additional successes (e.g. identified through evaluation results or lessons learned) achieved in the past year.
    - Recipients must describe success stories.
- **Challenges**
    - Recipients must describe any challenges that hindered or might hinder their ability to complete the work plan activities and achieve the period of performance outcomes.
    - Recipients must describe any additional challenges (e.g., identified through evaluation results or lessons learned) encountered in the past year.
- **CDC Program Support to Recipients**
    - Recipients must describe how CDC could help them overcome challenges to complete activities in the work plan and achieving period of performance outcomes.
- **Administrative Reporting** (No page limit)
    - SF-424A Budget Information-Non-Construction Programs.
    - Budget Narrative – Must use the format outlined in "Content and Form of Application Submission, Budget Narrative" section.
    - Indirect Cost Rate Agreement.

The recipients must submit the Annual Performance Report via www.Grantsolutions.gov no later than 120 days prior to the end of the budget period.

c. Performance Measure Reporting (optional)
CDC programs may require more frequent reporting of performance measures than annually in the APR. If this is the case, CDC programs must specify reporting frequency, data fields, and format for recipients at the beginning of the award period.

Reporting may be required up to but not to exceed quarterly

d. Federal Financial Reporting (FFR) (required)

The annual FFR form (SF-425) is required and must be submitted 90 days after the end of the budget period through the Payment Management System (PMS). The report must include only those funds authorized and disbursed during the timeframe covered by the report. The final FFR must indicate the exact balance of unobligated funds, and may not reflect any unliquidated obligations. There must be no discrepancies between the final FFR expenditure data and the Payment Management System's (PMS) cash transaction data. Failure to submit the required information by the due date may adversely affect the future funding of the project. If the information cannot be provided by the due date, recipients are required to submit a letter of explanation to OGS and include the date by which the Grants Officer will receive information.

e. Final Performance and Financial Report (required)

The Final Performance Report is due 90 days after the end of the period of performance. The Final FFR is due 90 days after the end of the period of performance and must be submitted through the Payment Management System (PMS). CDC programs must indicate that this report should not exceed 40 pages. This report covers the entire period of performance and can include information previously reported in APRs. At a minimum, this report must include the following:

- Performance Measures – Recipients must report final performance data for all process and outcome performance measures.
- Evaluation Results – Recipients must report final evaluation results for the period of performance for any evaluations conducted.
- Impact/Results/Success Stories – Recipients must use their performance measure results and their evaluation findings to describe the effects or results of the work completed over the project period, and can include some success stories.
- A final Data Management Plan that includes the location of the data collected during the funded period, for example, repository name and link data set(s)
- Additional forms as described in the Notice of Award (e.g., Equipment Inventory Report, Final Invention Statement).

4. Federal Funding Accountability and Transparency Act of 2006 (FFATA)

Federal Funding Accountability and Transparency Act of 2006 (FFATA), P.L. 109–282, as amended by section 6202 of P.L. 110–252 requires full disclosure of all entities and organizations receiving Federal funds including awards, contracts, loans, other assistance, and payments through a single publicly accessible Web site, http://www.USASpending.gov.

Compliance with this law is primarily the responsibility of the Federal agency. However, two elements of the law require information to be collected and reported by applicants: 1) information on executive compensation when not already reported through the SAM, and 2) similar information on all sub-awards/subcontracts/consortiums over $25,000.

For the full text of the requirements under the FFATA and HHS guidelines, go to:

- https://www.gpo.gov/fdsys/pkg/PLAW-109publ282/pdf/PLAW-109publ282.pdf,
- https://www. fsrs.gov/documents /ffata_legislation_ 110_252.pdf

- http://www.hhs.gov/grants/grants/grants-policies-regulations/index.html#FFATA.

5. Reporting of Foreign Taxes (International/Foreign projects only)

A. Valued Added Tax (VAT) and Customs Duties – Customs and import duties, consular fees, customs surtax, valued added taxes, and other related charges are hereby authorized as an allowable cost for costs incurred for non-host governmental entities operating where no applicable tax exemption exists. This waiver does not apply to countries where a bilateral agreement (or similar legal document) is already in place providing applicable tax exemptions and it is not applicable to Ministries of Health. Successful applicants will receive information on VAT requirements via their Notice of Award.

B. The U.S. Department of State requires that agencies collect and report information on the amount of taxes assessed, reimbursed and not reimbursed by a foreign government against commodities financed with funds appropriated by the U.S. Department of State, Foreign Operations and Related Programs Appropriations Act (SFOAA) ("United States foreign assistance funds"). Outlined below are the specifics of this requirement:

1) Annual Report: The recipient must submit a report on or before November 16 for each foreign country on the amount of foreign taxes charged, as of September 30 of the same year, by a foreign government on commodity purchase transactions valued at 500 USD or more financed with United States foreign assistance funds under this grant during the prior United States fiscal year (October 1 – September 30), and the amount reimbursed and unreimbursed by the foreign government. [Reports are required even if the recipient did not pay any taxes during the reporting period.]

2) Quarterly Report: The recipient must quarterly submit a report on the amount of foreign taxes charged by a foreign government on commodity purchase transactions valued at 500 USD or more financed with United States foreign assistance funds under this grant. This report shall be submitted no later than two weeks following the end of each quarter: April 15, July 15, October 15 and January 15.

3) Terms: For purposes of this clause:
"Commodity" means any material, article, supplies, goods, or equipment;
"Foreign government" includes any foreign government entity;
"Foreign taxes" means value-added taxes and custom duties assessed by a foreign government on a commodity. It does not include foreign sales taxes.

4) Where: Submit the reports to the Director and Deputy Director of the CDC office in the country(ies) in which you are carrying out the activities associated with this cooperative agreement. In countries where there is no CDC office, send reports to VATreporting@cdc.gov.

5) Contents of Reports: The reports must contain:

a. recipient name;
b. contact name with phone, fax, and e-mail;
c. agreement number(s) if reporting by agreement(s);
d. reporting period;

e. amount of foreign taxes assessed by each foreign government;
f. amount of any foreign taxes reimbursed by each foreign government;
g. amount of foreign taxes unreimbursed by each foreign government.

6) Subagreements. The recipient must include this reporting requirement in all applicable subgrants and other subagreements.

6. Termination

CDC may impose other enforcement actions in accordance with 45 CFR 75.371- Remedies for Noncompliance, as appropriate.

The Federal award may be terminated in whole or in part as follows:

(1) By the HHS awarding agency or pass-through entity, if the non-Federal entity fails to comply with the terms and conditions of the award;

(2) By the HHS awarding agency or pass-through entity for cause;

(3) By the HHS awarding agency or pass-through entity with the consent of the non-Federal entity, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or

(4) By the non-Federal entity upon sending to the HHS awarding agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the HHS awarding agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the HHS awarding agency or pass-through entity may terminate the Federal award in its entirety.

G. Agency Contacts

CDC encourages inquiries concerning this notice of funding opportunity.

Program Office Contact

For programmatic technical assistance, contact:

First Name:
Jeff
Last Name:
Borchert, MS
Project Officer
Department of Health and Human Services
Centers for Disease Control and Prevention

Address:
Division of Vector Borne Diseases
3156 Rampart Road
Fort Collins, CO 80526

Telephone:
(970) 221-6400
Email:
gqx1@cdc.gov

Grants Staff Contact

For **financial, awards management, or budget assistance,** contact:

First Name:
Freda
Last Name:
Johnson
Grants Management Specialist
Department of Health and Human Services
Office of Grants Services

Address:
2920 Brandywine Rd
Atlanta, GA 30341

Telephone:
(770) 488-3170
Email:
wve2@cdc.gov
For assistance with **submission difficulties related to** www.grants.gov, contact the Contact Center by phone at 1-800-518-4726.

Hours of Operation: 24 hours a day, 7 days a week, except on federal holidays.

CDC Telecommunications for persons with hearing loss is available at: TTY 1-888-232-6348

H. Other Information

Following is a list of acceptable attachments **applicants** can upload as PDF files as part of their application at www.grants.gov. Applicants may not attach documents other than those listed; if other documents are attached, applications will not be reviewed.

- Project Abstract
- Project Narrative
- Budget Narrative
- Report on Programmatic, Budgetary and Commitment Overlap
- Table of Contents for Entire Submission

For international NOFOs:

- SF424

- SF424A
- Funding Preference Deliverables

Optional attachments, as determined by CDC programs:
Resumes / CVs

Position descriptions

Letters of Support

Organization Charts

Indirect Cost Rate, if applicable

I. Glossary

Activities: The actual events or actions that take place as a part of the program.

Administrative and National Policy Requirements, Additional Requirements (ARs): Administrative requirements found in 45 CFR Part 75 and other requirements mandated by statute or CDC policy. All ARs are listed in the Template for CDC programs. CDC programs must indicate which ARs are relevant to the NOFO; recipients must comply with the ARs listed in the NOFO. To view brief descriptions of relevant provisions, see .https://www.cdc.gov/grants/additional-requirements/index.html. Note that 2 CFR 200 supersedes the administrative requirements (A-110 & A-102), cost principles (A-21, A-87 & A-122) and audit requirements (A-50, A-89 & A-133).

Approved but Unfunded: Approved but unfunded refers to applications recommended for approval during the objective review process; however, they were not recommended for funding by the program office and/or the grants management office.

Assistance Listings: A government-wide collection of federal programs, projects, services, and activities that provide assistance or benefits to the American public.

Assistance Listings Number: A unique number assigned to each program and NOFO throughout its lifecycle that enables data and funding tracking and transparency

Award: Financial assistance that provides support or stimulation to accomplish a public purpose. Awards include grants and other agreements (e.g., cooperative agreements) in the form of money, or property in lieu of money, by the federal government to an eligible applicant.

Budget Period or Budget Year: The duration of each individual funding period within the project period. Traditionally, budget periods are 12 months or 1 year.

Carryover: Unobligated federal funds remaining at the end of any budget period that, with the approval of the GMO or under an automatic authority, may be carried over to another budget period to cover allowable costs of that budget period either as an offset or additional authorization. Obligated but liquidated funds are not considered carryover.

Competing Continuation Award: A financial assistance mechanism that adds funds to a grant and adds one or more budget periods to the previously established period of performance (i.e., extends the “life” of the award).

Continuous Quality Improvement: A system that seeks to improve the provision of services with an emphasis on future results.

Contracts: An award instrument used to acquire (by purchase, lease, or barter) property or services for the direct benefit or use of the Federal Government.

Cooperative Agreement: A financial assistance award with the same kind of interagency relationship as a grant except that it provides for substantial involvement by the federal agency funding the award. Substantial involvement means that the recipient can expect federal programmatic collaboration or participation in carrying out the effort under the award.

Cost Sharing or Matching: Refers to program costs not borne by the Federal Government but by the recipients. It may include the value of allowable third-party, in-kind contributions, as well as expenditures by the recipient.

Direct Assistance: A financial assistance mechanism, which must be specifically authorized by statute, whereby goods or services are provided to recipients in lieu of cash. DA generally involves the assignment of federal personnel or the provision of equipment or supplies, such as vaccines. DA is primarily used to support payroll and travel expenses of CDC employees assigned to state, tribal, local, and territorial (STLT) health agencies that are recipients of grants and cooperative agreements. Most legislative authorities that provide financial assistance to STLT health agencies allow for the use of DA. https://www.cdc.gov/grants/additional-requirements/index.html.

Evaluation (program evaluation): The systematic collection of information about the activities, characteristics, and outcomes of programs (which may include interventions, policies, and specific projects) to make judgments about that program, improve program effectiveness, and/or inform decisions about future program development.

Evaluation Plan: A written document describing the overall approach that will be used to guide an evaluation, including why the evaluation is being conducted, how the findings will likely be used, and the design and data collection sources and methods. The plan specifies what will be done, how it will be done, who will do it, and when it will be done. The NOFO evaluation plan is used to describe how the recipient and/or CDC will determine whether activities are implemented appropriately and outcomes are achieved.

Federal Funding Accountability and Transparency Act of 2006 (FFATA): Requires that information about federal awards, including awards, contracts, loans, and other assistance and payments, be available to the public on a single website at www.USAspending.gov.

Fiscal Year: The year for which budget dollars are allocated annually. The federal fiscal year starts October 1 and ends September 30.

Grant: A legal instrument used by the federal government to transfer anything of value to a recipient for public support or stimulation authorized by statute. Financial assistance may be money or property. The definition does not include a federal procurement subject to the Federal Acquisition Regulation; technical assistance (which provides services instead of money); or assistance in the form of revenue sharing, loans, loan guarantees, interest subsidies, insurance, or direct payments of any kind to a person or persons. The main difference between a grant and a cooperative agreement is that in a grant there is no anticipated substantial programmatic involvement by the federal government under the award.

Grants.gov: A "storefront" web portal for electronic data collection (forms and reports) for federal grant-making agencies at www.grants.gov.

Grants Management Officer (GMO): The individual designated to serve as the HHS official responsible for the business management aspects of a particular grant(s) or cooperative agreement(s). The GMO serves as the counterpart to the business officer of the recipient organization. In this capacity, the GMO is responsible for all business management matters associated with the review, negotiation, award, and administration of grants and interprets grants administration policies and provisions. The GMO works closely with the program or project officer who is responsible for the scientific, technical, and programmatic aspects of the grant.

Grants Management Specialist (GMS): A federal staff member who oversees the business and other non-programmatic aspects of one or more grants and/or cooperative agreements. These activities include, but are not limited to, evaluating grant applications for administrative content and compliance with regulations and guidelines, negotiating grants, providing consultation and technical assistance to recipients, post-award administration and closing out grants.

Health Disparities: Differences in health outcomes and their determinants among segments of the population as defined by social, demographic, environmental, or geographic category.

Health Equity: Striving for the highest possible standard of health for all people and giving special attention to the needs of those at greatest risk of poor health, based on social conditions.

Health Inequities: Systematic, unfair, and avoidable differences in health outcomes and their determinants between segments of the population, such as by socioeconomic status (SES), demographics, or geography.

Healthy People 2030: National health objectives aimed at improving the health of all Americans by encouraging collaboration across sectors, guiding people toward making informed health decisions, and measuring the effects of prevention activities.

Inclusion: Both the meaningful involvement of a community's members in all stages of the program process and the maximum involvement of the target population that the intervention will benefit. Inclusion ensures that the views, perspectives, and needs of affected communities, care providers, and key partners are considered.

Indirect Costs: Costs that are incurred for common or joint objectives and not readily and specifically identifiable with a particular sponsored project, program, or activity; nevertheless, these costs are necessary to the operations of the organization. For example, the costs of operating and maintaining facilities, depreciation, and administrative salaries generally are considered indirect costs.

Letter of Intent (LOI): A preliminary, non-binding indication of an organization's intent to submit an application.

Lobbying: Direct lobbying includes any attempt to influence legislation, appropriations, regulations, administrative actions, executive orders (legislation or other orders), or other similar deliberations at any level of government through communication that directly expresses a view on proposed or pending legislation or other orders, and which is directed to staff members or other employees of a legislative body, government officials, or employees who participate in formulating legislation or other orders. Grass roots lobbying includes efforts directed at inducing

or encouraging members of the public to contact their elected representatives at the federal, state, or local levels to urge support of, or opposition to, proposed or pending legislative proposals.

Logic Model: A visual representation showing the sequence of related events connecting the activities of a program with the programs' desired outcomes and results.

Maintenance of Effort: A requirement contained in authorizing legislation, or applicable regulations that a recipient must agree to contribute and maintain a specified level of financial effort from its own resources or other non-government sources to be eligible to receive federal grant funds. This requirement is typically given in terms of meeting a previous base-year dollar amount.

Memorandum of Understanding (MOU) or Memorandum of Agreement (MOA): Document that describes a bilateral or multilateral agreement between parties expressing a convergence of will between the parties, indicating an intended common line of action. It is often used in cases where the parties either do not imply a legal commitment or cannot create a legally enforceable agreement.

Nonprofit Organization: Any corporation, trust, association, cooperative, or other organization that is operated primarily for scientific, educational, service, charitable, or similar purposes in the public interest; is not organized for profit; and uses net proceeds to maintain, improve, or expand the operations of the organization. Nonprofit organizations include institutions of higher educations, hospitals, and tribal organizations (that is, Indian entities other than federally recognized Indian tribal governments).

Notice of Award (NoA): The official document, signed (or the electronic equivalent of signature) by a Grants Management Officer that: (1) notifies the recipient of the award of a grant; (2) contains or references all the terms and conditions of the grant and Federal funding limits and obligations; and (3) provides the documentary basis for recording the obligation of Federal funds in the HHS accounting system.

Objective Review: A process that involves the thorough and consistent examination of applications based on an unbiased evaluation of scientific or technical merit or other relevant aspects of the proposal. The review is intended to provide advice to the persons responsible for making award decisions.

Outcome: The results of program operations or activities; the effects triggered by the program. For example, increased knowledge, changed attitudes or beliefs, reduced tobacco use, reduced morbidity and mortality.

Performance Measurement: The ongoing monitoring and reporting of program accomplishments, particularly progress toward pre-established goals, typically conducted by program or agency management. Performance measurement may address the type or level of program activities conducted (process), the direct products and services delivered by a program (outputs), or the results of those products and services (outcomes). A "program" may be any activity, project, function, or policy that has an identifiable purpose or set of objectives.

Period of performance –formerly known as the project period - : The time during which the recipient may incur obligations to carry out the work authorized under the Federal award. The start and end dates of the period of performance must be included in the Federal award.

Period of Performance Outcome: An outcome that will occur by the end of the NOFO's funding period

Plain Writing Act of 2010: The Plain Writing Act of 2010 requires that federal agencies use clear communication that the public can understand and use. NOFOs must be written in clear, consistent language so that any reader can understand expectations and intended outcomes of the funded program. CDC programs should use NOFO plain writing tips when writing NOFOs.

Program Strategies: Strategies are groupings of related activities, usually expressed as general headers (e.g., Partnerships, Assessment, Policy) or as brief statements (e.g., Form partnerships, Conduct assessments, Formulate policies).

Program Official: Person responsible for developing the NOFO; can be either a project officer, program manager, branch chief, division leader, policy official, center leader, or similar staff member.

Public Health Accreditation Board (PHAB): A nonprofit organization that works to promote and protect the health of the public by advancing the quality and performance of public health departments in the U.S. through national public health department accreditation http://www.phaboard.org.

Social Determinants of Health: Conditions in the environments in which people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks.

Statute: An act of the legislature; a particular law enacted and established by the will of the legislative department of government, expressed with the requisite formalities. In foreign or civil law any particular municipal law or usage, though resting for its authority on judicial decisions, or the practice of nations.

Statutory Authority: Authority provided by legal statute that establishes a federal financial assistance program or award.

System for Award Management (SAM): The primary vendor database for the U.S. federal government. SAM validates applicant information and electronically shares secure and encrypted data with federal agencies' finance offices to facilitate paperless payments through Electronic Funds Transfer (EFT). SAM stores organizational information, allowing www.grants.gov to verify identity and pre-fill organizational information on grant applications.

Technical Assistance: Advice, assistance, or training pertaining to program development, implementation, maintenance, or evaluation that is provided by the funding agency.

UEI: The Unique Entity Identifier (UEI) number is a twelve-digit number assigned by SAM.gov. When applying for Federal awards or cooperative agreements, all applicant organizations must obtain a UEI number as the Universal Identifier. UEI number assignment is free. If an organization does not know its UEI number or needs to register for one, visit www.sam.gov.

Work Plan: The summary of period of performance outcomes, strategies and activities, personnel and/or partners who will complete the activities, and the timeline for completion. The work plan will outline the details of all necessary activities that will be supported through the approved budget.

NOFO-specific Glossary and Acronyms