

AGENCY: ENVIRONMENTAL PROTECTION AGENCY (EPA)

TITLE: SUSTAINABLE MATERIALS MANAGEMENT GRANTS

ACTION: REQUEST FOR APPLICATIONS (RFA)

RFA NUMBER: EPA-SMMS-2019-1

CATALOG OF FEDERAL DOMESTIC ASSISTANCE (CFDA) NO.: 66.808

Funding Priority - Fiscal Year 2019: Partnerships - Establishing and developing partnerships with states, local governments and other non-profit organizations to assist them in advancing their waste management programs, including recycling and reduction of wastes, appropriate management of wastes that are generated and developing integrated waste management plans. Education and Outreach - Developing and providing education, training, and outreach materials to educate and inform Americans about the impact of waste on resource and energy use and pollution. Fostering a better understanding of the environmental ramifications of collective actions including how individual purchasing and manufacturing decisions are connected to the environment and to enable Americans to make better choices resulting in increased recycling, less waste and greater energy savings.

DATES: The closing date and time for the receipt of applications is **September 9, 2019, by 11:59 pm**, Eastern Time (ET) in order to be considered for funding. Application packages must be submitted electronically to Grants.gov (<https://www.grants.gov>) on or before this date and time in order to be considered for funding. See Section III (C)(2) for more details about the deadline and Section IV(B) for submission instructions.

SUMMARY: This notice announces the availability of funds and solicits applications that support the EPA Sustainable Materials Management Program for the benefit of the EPA Region 2 areas of Puerto Rico and the U.S. Virgin Islands. While an application submitted must benefit Puerto Rico and/or the U.S. Virgin Islands, it may also benefit areas elsewhere in EPA Region 2 (i.e., New York, New Jersey). Sustainable materials management (SMM) is a systemic approach to using and reusing materials more productively over their entire life cycles. It represents a change in how our society thinks about the use of natural resources and environmental protection. By looking at a product's entire life cycle, we can find new opportunities to reduce environmental impacts, conserve resources and reduce costs.

Specifically, these funds will support the development of programs that support sustainable management of the organics and construction and demolition debris, with a priority focus on the EPA Region 2 areas of Puerto Rico and the U.S. Virgin Islands. Projects must benefit Puerto Rico and/or the U.S. Virgin Islands and may also benefit areas elsewhere in Region 2, i.e. New York, New Jersey.

FUNDING/AWARDS: The total estimated funding for this competitive opportunity is \$100,000. EPA anticipates awarding one cooperative agreement from this announcement, subject to availability of funds, the quality of applications received, and other applicable considerations.

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I. Funding Opportunity Description

A. Background

Sustainable Materials Management (SMM) is a systemic approach to using and reusing materials more productively over their entire life cycles. It represents a change in how our society thinks about the use of natural resources and environmental protection. By examining how materials are used throughout their life cycle, an SMM approach seeks to:

- Use materials in the most productive way with an emphasis on using less.
- Reduce toxic chemicals and environmental impacts throughout the material life cycle.
- Assure we have sufficient resources to meet today's needs and those of the future.

How our society uses materials is fundamental to our economic and environmental future. Global competition for finite resources will intensify as world population and economies grow. More productive and less impactful use of materials helps our society remain economically competitive, contributes to our prosperity and protects the environment in a resource-constrained future.

The SMM program has a number of program foci and these serve as the basis for our structuring of grant competitions. This RFA derives its program justification from the **Sustainable Management of Food** program priority and the **Built Environment** program priority. Applications may address either or both priorities.

Sustainable Management of Food is a systematic approach that seeks to reduce wasted food and its associated impacts over the entire life cycle, starting with the use of natural resources, manufacturing, sales, and consumption and ending with decisions on recovery or final disposal. EPA works to promote innovation and highlight the value and efficient management of food as a resource. Through the sustainable management of food, we can help businesses and consumers save money, provide a bridge in our communities for those who do not have enough to eat, and conserve resources for future generations. Building on the familiar concept of "Reduce, Reuse, Recycle," this approach shifts the view on environmental protection and more fully recognizes the impacts of the food we waste.

In addition, other organic wastes such as yard trimmings, organic disaster debris, manure, and other organic materials can also be beneficially diverted, in conjunction with food waste, from the waste stream through SMM strategies (e.g., composting or anaerobic digestion).

Construction and Demolition (C&D) materials consist of the debris generated during the construction, renovation and demolition of buildings, roads, and bridges. EPA promotes a Sustainable Materials Management (SMM) approach that identifies certain C&D materials as commodities that can be used in new building projects, thus avoiding the need to mine and process virgin materials. EPA calls this program focus the **Built Environment**.

C&D materials are generated when new building and civil-engineering structures are built and when existing buildings and civil-engineering structures are renovated or demolished (including deconstruction activities). Civil-engineering structures include public works projects, such as streets and highways, bridges, utility plants, piers, and dams. C&D materials often contain bulky, heavy materials such as concrete, wood, asphalt, bricks and other energy-intensive resources. SMM practices to help manage the built environment include:

- Beneficially using industrial non-hazardous secondary materials as replacements for virgin materials in construction (e.g. coal ash, foundry sand, iron and steel slag, etc.), and
- Sustainable management of C&D materials.
- Best Practices for Reducing, Reusing, and Recycling C&D Materials

This RFA solicits applications that are related to an SMM approach to managing either or both organics and C&D waste. Submitted applications may address organics and/or C&D waste Region-wide but must benefit Puerto Rico and/or the U.S. Virgin Islands.

Fundable projects must involve research, investigations, experiments, training demonstrations, surveys, public education programs and/or studies that address strategies to beneficially use organics and C&D waste. Organizations may submit more than one proposal as long as each one is separately submitted. Projects must primarily benefit Puerto Rico and/or the U.S. Virgin Islands and may also benefit other States or communities within EPA Region 2 (New York, New Jersey).

B. Scope of Work

As noted above in Section I.A, This RFA solicits applications that present a sustainable approach to managing and/or organics or C&D waste. Applications addressing other topic areas will not be reviewed.

D. Supplemental Information

The statutory authority for this action is the Solid Waste Disposal Act (SWDA), Section 8001(a)(5), 42 U.S.C. Section 6981(a)(5) which authorizes grants to public authorities, agencies, and institutions, private agencies and institutions, and individuals (no profit makers) for purposes which include conducting and promoting the coordination and acceleration of, research,

investigations, experiments, training, demonstrations, surveys, public education programs and studies relating to the reduction of the amount of solid waste and unsalvageable waste materials.

Applications selected for funding under this solicitation must be consistent with the authorized activities above. Demonstrations must involve new or experimental technologies, methods, or approaches, where the results of the project will be disseminated so that others can benefit from the knowledge gained in the demonstration project. A project that is accomplished through the performance of routine, traditional, or established practices, or a project that is simply intended to carry out a task rather than transfer information or advance the state of knowledge, however worthwhile the project might be, is not considered a demonstration project; such activities are not eligible for funding under this announcement. **You must specify how your project fits within the above statutory authority.**

E. Minority Serving Institutions:

EPA recognizes that it is important to engage all available minds to address the environmental challenges the nation faces. At the same time, EPA seeks to expand the environmental conversation by including members of communities which may have not previously participated in such dialogues to participate in EPA programs. For this reason, EPA strongly encourages all eligible applicants identified in Section III, including minority serving institutions (MSIs), to apply under this opportunity.

For purposes of this solicitation, the following are considered MSIs:

1. Historically Black Colleges and Universities, as defined by the Higher Education Act (20 U.S.C. § 1061). A list of these schools can be found at <https://sites.ed.gov/whhbcu/one-hundred-and-five-historically-black-colleges-and-universities/>
2. Tribal Colleges and Universities, as defined by the Higher Education Act (20 U.S.C. § 1059c(b)(3) and (d)(1)). A list of these schools can be found at <https://sites.ed.gov/whiaiane/tribes-tcus/tribal-colleges-and-universities/>
3. Hispanic-Serving Institutions (HSIs), as defined by the Higher Education Act (20 U.S.C. § 1101a(a)(5)). HSIs are institutions of higher education that, at the time of application submittal, have an enrollment of undergraduate full-time equivalent students that is at least 25% Hispanic students at the end of the award year immediately preceding the date of application for this grant. A list of these schools can be found at https://www.hacu.net/assnfe/CompanyDirectory.asp?STYLE=2&COMPANY_TYPE=1%2C5
4. Asian American and Native American Pacific Islander-Serving Institutions; (AANAPISIs), as defined by the Higher Education Act (20 U.S.C. § 1059g(a)(2)). AANAPISIs are institutions of higher education that, at the time of application submittal, have an enrollment of undergraduate students that is not less than 10 % students who are Asian American or Native American Pacific Islander. A list of these schools can be found at <https://www.aanapisi.net/> and

5. Predominately Black Institutions (PBIs), incorporated into the Higher Education Act in 2008 (codified in Section 318(b) of the Higher Education Act of 1965, 20 U.S.C. 1059e.(b)(6)). PBIs are defined as institutions that: serve at least 1,000 undergraduate students; have at least 50% low-income or first-generation degree-seeking undergraduate enrollment; have a low per full-time undergraduate student expenditure in comparison with other institutions offering similar instruction; and, enroll at least 40% African-American students. A list of these schools can be found at <https://pnpi.org/predominantly-black-institutions-pbis/> .

II. Award Information

A. What is the amount of funding available?

The total estimated funding expected to be available for awards under this competitive opportunity is \$100,000.

B. Partial Funding Provision

In appropriate circumstances, EPA reserves the right to partially fund an application by funding discrete portions or phases of proposed projects. If EPA decides to partially fund an application, it will do so in a manner that does not prejudice any applicants or affect the basis upon which the application was evaluated and selected for award, and therefore maintains the integrity of the competition and selection process.

C. How many agreements will EPA award in this competition?

EPA anticipates award of one grant or cooperative agreement under this announcement for the entire available amount of funds available, subject to the availability of funds, quality of evaluated applications, and other applicable considerations. EPA reserves the right to reject all applications and make no awards under this announcement. In addition, EPA reserves the right to make additional awards under this announcement, consistent with Agency policy, if additional funding becomes available after the original selections. Any additional selections for awards will be made no later than six months from the date of the original selections.

D. What is the project period for awards resulting from this solicitation?

The estimated project period for the award resulting from this solicitation will begin in November 2019. Proposed project periods will be one year.

C. EPA Strategic Plan Linkage & Anticipated Outcomes, Outputs & Performance Measures

EPA's Strategic Plan is available at <https://www.epa.gov/planandbudget/strategicplan.html>

The activities to be funded under this announcement are intended to further EPA's current goal of Cooperative Federalism, with the subobjective of Enhanced Shared Accountability, as SMM grants are intended to bolster and support State and local autonomy and the ability to improve human health and the environment in their jurisdictions with a sense of

shared accountability to provide positive environmental results. All applications must demonstrate these connections to the current Strategic Plan. Applicants must show how their project will further these current priorities.

EPA also requires that grant applicants adequately describe environmental outputs and outcomes to be achieved under assistance agreements (see EPA Order 5700.7, Environmental Results under Assistance Agreements, <https://www.epa.gov/grants/epa-order-57007a1-epas-policy-environmental-results-under-epa-assistance-agreements>). Applicants must include specific statements describing the environmental results of the proposed project in terms of well-defined outputs and, to the maximum extent practicable, well-defined outcomes that will demonstrate how the project will contribute to the priorities described above.

Outputs. The term “output” means an environmental activity, effort, and/or associated work product related to an environmental goal and objective that will be produced or provided over a period of time or by a specified date. Outputs may be quantitative or qualitative but must be measurable during an assistance agreement funding period. Expected outputs from the project(s) to be funded under this announcement may include the following: meetings, conference calls, training sessions, or other measurable efforts towards an environmental goal. Progress reports and a final report will also be a required output, as specified in Section VI (C) of this announcement, “Reporting Requirements.”

Outcomes. The term “outcome” means the result, effect or consequence that will occur from carrying out an environmental program or activity that is related to an environmental or programmatic goal or objective. Outcomes may be environmental, behavioral, health-related, or programmatic in nature, but must be quantitative. They may not necessarily be achievable within an assistance agreement funding period.

Projects to be funded under this announcement are expected to produce at least one, and preferably all, of the following environmental outcomes: reduction in solid waste going to the landfill, conservation of natural resources, conservation of energy, reduced costs, improved air and/or water quality, preserved land quality.

Performance Measures. The applicant must also develop performance measures they expect to achieve through the proposed activities and describe them in the application. These performance measures will help gather insights and will be the mechanism to track progress concerning successful process and outcome strategies and will provide the basis for developing lessons to inform future recipients. It is expected that the description of performance measures will include the following: A measure of how much solid waste will be diverted from the landfill, and by what strategy. A description of how policy and behaviors will be permanently altered as a result of this project.

The following are questions to consider when developing output and outcome measures of quantitative and qualitative results:

- i) What are the measurable short term and longer term results the project will achieve?
- ii) How does the plan measure progress in achieving the expected results (including outputs and outcomes) and how will the approach use resources effectively and efficiently?

E. Funding Type

The funding for the selected project will be in the form of a grant and/or cooperative agreement, as appropriate to the nature of the project proposed.

A grant is an assistance agreement in which the EPA is not substantially involved in carrying out the project.

A cooperative agreement is an assistance agreement that is used when there is substantial federal involvement with the recipient during the performance of an activity or project. EPA awards cooperative agreements for those projects in which it expects to have substantial interaction with the recipient throughout the performance of the project. EPA will negotiate the precise terms and conditions of “substantial involvement” as part of the award process. Federal involvement may include close monitoring of the recipient’s performance; collaboration during the performance of the scope of work; in accordance with 2 CFR 200.317 and 2 CFR 200.318, as appropriate, review of proposed procurements; reviewing qualifications of key personnel; and/or review and comment on the content of printed or electronic publications prepared. EPA does not have the authority to select employees or contractors employed by the recipient. The final decision on the content of reports rests with the recipient.

III. Eligibility Information

A. Eligible Entities

Consistent with CFDA No. 66.808, the following entities are eligible to compete under this solicitation: States, local, Tribal, interstate, and intrastate government agencies and instrumentalities, and non-profit organizations that are not 501(c)(4) organizations that lobby, including non-profit educational institutions and non-profit hospitals. Individuals and for-profit organizations are not eligible. Non-profit organizations, as defined by 2 CFR Part 200, means any corporation, trust, association, cooperative or other organization that: (1) is operated primarily for scientific, educational, service, charitable or similar purposes in the public interest; (2) is not organized primarily for profit; and (3) uses its net proceeds to maintain, improve and/or expand its operations. Note that 2 CFR Part 200 specifically excludes the following types of organizations from the definition of “non-profit organization” because they are separately defined in the regulation: (i) institutions of higher education; and (ii) state, local and federally recognized Indian tribal governments. While not considered to be a “non-profit organization(s)” as defined by 2 CFR Part 200, Institutions of Higher Education and state, local and federally recognized Indian tribal governments are, nevertheless, eligible to submit applications under this RFA. Hospitals operated by state, tribal, or local governments or that meet the definition of nonprofit at 2 CFR 200.70 are also eligible to apply. For-profit colleges, universities, trade schools, and hospitals are ineligible.

For-profit organizations are not eligible for this funding opportunity. Additionally, non-profit organizations described in Section 501(c)(4) of the Internal Revenue Code that engage in

lobbying activities as defined in Section 3 of the Lobbying Disclosure Act of 1995 are not eligible to apply.

B. Cost Sharing or Matching

This competition does not require matching funds or cost sharing.

C. Threshold Eligibility Criteria

These are requirements that if not met by the time of application submission will result in elimination of the application from consideration for funding. Only applications from eligible entities (see Section III.A above) that meet all of these criteria will be evaluated against the ranking factors in Section V of this announcement. Applicants deemed ineligible for funding consideration as a result of the threshold eligibility review will be notified within 15 calendar days of the ineligibility determination.

1. Applications must substantially comply with the application submission instructions and requirements set forth in Section IV of this announcement or else they will be rejected. Where a page limit is expressed in Section IV with respect to the narrative proposal, pages in excess of the page limitation will not be reviewed.
2. In addition, initial applications must be submitted through <https://www.grants.gov> as stated in Section IV of this announcement (except in the limited circumstances where another mode of submission is specifically allowed for as explained in Section IV) on or before the application submission deadline published in Section IV of this announcement. Applicants are responsible for following the submission instructions in Section IV of this announcement to ensure that their application is timely submitted.
3. Applications submitted after the submission deadline will be considered late and deemed ineligible without further consideration unless the applicant can clearly demonstrate that it was late due to EPA mishandling or because of technical problems associated with www.grants.gov or relevant www.SAM.gov system issues. An applicant's failure to timely submit their application through www.grants.gov because they did not timely or properly register in www.SAM.gov or www.grants.gov will not be considered an acceptable reason to consider a late submission. Applicants should confirm receipt of their application with Dale Carpenter, carpenter.dale@epa.gov, as soon as possible after the submission deadline—failure to do so may result in your application not being reviewed.
4. The applicant must be an eligible entity as described in Section III (A) above.
5. Applications must support current administration priorities as described in Section I.C. of this solicitation.

6. All applications must specify and promote the Sustainable Materials Management program priorities described in Section I.A, that is, both organics and construction and demolition debris, with a priority focus on Puerto Rico and/or the U.S. Virgin Islands.
7. All applications submitted under this solicitation must conduct or promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys, public education programs and studies relating to the reduction of the amount of solid waste and unsalvageable waste materials as described in Section I., of this announcement.
8. Projects that are demonstrations must involve new or experimental technologies, methods, or approaches, where the results of the project will be disseminated so that others can benefit from the knowledge gained in the demonstration project. A project that is accomplished through the performance of routine, traditional, or established practices, or a project that is simply intended to carry out a task rather than transfer information or advance the state of knowledge, however worthwhile the project might be, is not considered a demonstration project. If a proposal is submitted that includes any ineligible tasks or activities, that portion of the proposal will be ineligible for funding and may, depending on the extent to which it affects the proposal, render the entire proposal ineligible for funding. State clearly which part of the statutory authority supports your project.
9. Applications must be for projects that benefit the EPA Region 2 areas of Puerto Rico and/or the U.S. Virgin Islands and may also benefit states or communities elsewhere in Region 2 (New York New Jersey).

IV. Application and Submission Information

A. Requirement to Submit Through Grants.gov and Limited Exception Procedures

Applicants, except as noted below, must apply electronically through <https://www.grants.gov> under this funding opportunity based on the <https://www.grants.gov> instructions in this announcement. If an applicant does not have the technical capability to apply electronically through <https://www.grants.gov> because of limited or no internet access which prevents them from being able to upload the required application materials to <https://www.grants.gov>, the applicant must contact OGDWaivers@epa.gov or the address listed below in writing (e.g., by hard copy, email) at least 15 calendar days prior to the submission deadline under this announcement to request approval to submit their application materials through an alternate method.

Mailing Address: OGD
Waivers
c/o Jessica Durand
USEPA Headquarters

William Jefferson Clinton Building 1200
Pennsylvania Ave., N. W.
Mail Code: 3903R
Washington, DC 20460

Courier Address: OGD
Waivers
c/o Jessica Durand
Ronald Reagan Building 1300
Pennsylvania Ave., N.W.
Rm # 51278
Washington, DC 20004

In the request, the applicant must include the following information:

- Funding Opportunity Number (FON)
- Organization Name and DUNS
- Organization's Contact Information (email address and phone number)
- Explanation of how they lack the technical capability to apply electronically through <https://www.grants.gov> because of 1) limited internet access or 2) no internet access which prevents them from being able to upload the required application materials through <https://www.grants.gov>

EPA will only consider alternate submission exception requests based on the two reasons stated above and will timely respond to the request -- all other requests will be denied. If an alternate submission method is approved, the applicant will receive documentation of this approval and further instructions on how to apply under this announcement. Applicants will be required to submit the documentation of approval with any initial application submitted under the alternative method. In addition, any submittal through an alternative method must comply with all applicable requirements and deadlines in the announcement including the submission deadline and requirements regarding proposal content and page limits (although the documentation of approval of an alternate submission method will not count against any page limits).

If an exception is granted, it is valid for submissions to EPA for the remainder of the entire calendar year in which the exception was approved and can be used to justify alternative submission methods for application submissions made through December 31 of the calendar year in which the exception was approved (e.g., if the exception was approved on March 1, 2019, it is valid for any competitive or non-competitive application submission to EPA through December 31, 2019. Applicants need only request an exception once in a calendar year and all exceptions will expire on December 31 of that calendar year. Applicants must request a new exception from required electronic submission through <https://www.grants.gov> for submissions for any succeeding calendar year. For example, if there is a competitive opportunity issued on December 1, 2018 with a submission deadline of January 15, 2019, the applicant would need a new exception to submit through alternative methods beginning January 1, 2019.

Please note that the process described in this section is only for requesting alternate submission methods. All other inquiries about this announcement must be directed to the Agency Contact listed

in Section VII of the announcement. Queries or requests submitted to the email address identified above for any reason other than to request an alternate submission method will not be acknowledged or answered.

B. Grants.gov Application Submission Instructions (see Appendix A)

Your organization's authorized official representative (AOR) must submit your complete application electronically to EPA through Grants.gov (<https://www.grants.gov>) no later than **11:59 pm Eastern Time, September 9, 2019**.

Use the information below as well as information in Appendix A to compile your complete application.

Summary Information Page (recommended not to exceed one page)

- a. Project Title
- b. Applicant Information. Include applicant (organization) name, address, contact person, phone number and e-mail address.
- c. Funding Requested. Specify the amount you are requesting from EPA.
- d. Total Project Cost. Specify total cost of the project. Identify funding from other sources.
- e. Project period. Provide beginning and ending dates. (Projects are anticipated to begin date and end no later than date.)
- f. DUNS number

1. Narrative Proposal Work-Plan

The narrative proposal work-plan must explicitly describe how the proposed project meets the guidelines established in Sections I-III of this announcement (including the threshold eligibility criteria in Section III.C) and must address each of the evaluation criteria set forth in Section V including:

- a. **Project Summary/Approach:** The summary shall contain the following components:
 - i. Detailed project summary, description of specific actions and methods to be undertaken and the responsible institutions, including estimated time line for each task.
 - ii. Description of the associated work products to be developed.
 - iii. Explanation of project benefits to the public, and specifically the potential audience(s) served.
 - iv. Description of the roles of the applicant and partners, if any.
 - v. Description of the applicant's organization and experience related to the proposed project.
 - vi. Description of staff expertise/qualifications, staff knowledge, and resources or the ability to obtain them, to successfully achieve the goals of the proposed project.

b. Environmental Results—Outcomes, Outputs and Performance Measures

Identify the expected quantitative and qualitative outcomes and outputs of the project (**See Section I**), including what performance measurements, timeline of milestones, or other means will be used to track and measure your progress towards achieving the expected outcomes and outputs and how the results of the project will be evaluated.

c. Programmatic Capability and Past Performance

Submit a list of federally funded assistance agreements (assistance agreements include Federal grants and cooperative agreements but not Federal contracts) similar in size, scope and relevance to the proposed project that your organization performed within the last three years (no more than 5 agreements, and preferably EPA agreements) and describe (i) whether, and how, you were able to successfully complete and manage those agreements and (ii) your history of meeting the reporting requirements under those agreements including whether you adequately and timely reported on your progress towards achieving the expected outputs and outcomes of those agreements (and if not, explain why not) and whether you submitted acceptable final technical reports under the agreements. In evaluating applicants under these factors in Section V, EPA will consider the information provided by the applicant and may also consider relevant information from other sources, including information from EPA files and from current/prior grantors (e.g., to verify and/or supplement the information provided by the applicant). If you do not have any relevant or available past performance or reporting information, please indicate this in the proposal and you will receive a neutral score for these factors (a neutral score is half of the total points available in a subset of possible points). If you do not provide any response for these items, you may receive a score of 0 for these factors.

d. Sustainability:

Describe how the project will be successfully implemented and will enact changes to an organization, community, or the society at large in a lasting and sustainable manner. This means that the changes implemented during this project period will be able to be retained by the organization or community without further input of financial assistance from EPA.

e. Innovation:

Describe how the application proposes a project that encompasses innovative (e.g., not usual, routine or established practices) solid waste reduction measures that have the capacity to institute real change.

2. Detailed Budget Narrative (See Recipient/Applicant Information Notice 2019-G02, [RAIN-2019-G02](#), Interim General Budget Development Guidance for Applicants and Recipients of EPA Financial Assistance.)

This section provides an opportunity for a narrative description of the budget found in the SF-424A. Clearly explain how EPA funds will be used. Selected applicant(s) will need to submit a copy of their current indirect cost rate that has been negotiated with a federal cognizant agency prior to award

- A. Description of the budget and estimated funding amounts for each work component/task.
- B. Description of the applicant's approach, procedures, and controls for ensuring that awarded grant funds will be expended in a timely and efficient manner.
- C. Applicants must itemize costs related to personnel, fringe benefits, contractual costs, travel, equipment, supplies, other direct costs, indirect costs, and total costs. Selected applicant(s) will need to submit a copy of their current indirect cost rate that has been negotiated with a federal cognizant agency prior to award.

(OPTIONAL) Attachments. These are optional and are not included in the 10-page limit.

- a. Negotiated Indirect Cost Rate Agreement.
- b. Biographical Sketch. Provide resumes or curriculum vitae for all Principal Investigators and any other key personnel.
- c. Quality Assurance Narrative Statement.
- d. Support Letters - These should indicate how the supporting organization will assist in the project.
- e. If applicable, approval letter to use alternate means to submit initial application.

D. Additional Provisions for Applicants Incorporated into the Solicitation

Additional provisions that apply to this solicitation and/or awards made under this solicitation, including but not limited to those related to confidential business information, contracts and subawards under grants, and application assistance and communications, can be found at www.epa.gov/grants/epa-solicitation-clauses. These, and the other provisions that can be found at the website link, are important, and applicants must review them when preparing applications for this solicitation. If you are unable to access these provisions electronically at the website above, please communicate with the EPA contact listed in this solicitation to obtain the provisions.

E. Intergovernmental Review Act

Executive Order 12372, Intergovernmental Review of Federal Programs, may be applicable to awards resulting from this announcement. EPA implemented the Executive Order in 40 CFR Part 29. EPA may require applicants selected for funding to provide a copy of their application to their State Point of Contact (SPOC) for review as provided at 40 CFR 29.7 and 40 CFR 29.8. The SPOC list can be found on the webpage below.

- Office of Federal Financial Management Resources and Other Information

EPA may require successful applicants from states that do not have a SPOC to provide a copy of their application for review to directly affected state, area-wide, regional and local government entities as provided at 40 CFR 29.7 and 40 CFR 29.8. These reviews are not required before submitting an application. Only applicants that EPA selects for funding under this announcement are subject to the Intergovernmental Review requirement.

V. Application Review Information

Only eligible entities whose application(s) meet the threshold criteria in Section III of this announcement will be reviewed according to the evaluation criterion set forth below. Applicants should explicitly address these criteria as part of their application package submittal. Each application will be rated under a points system, with a total of 100 points possible.

Additional provisions that apply to this solicitation and/or awards made under this solicitation including the clause on Reporting and Use of Information Concerning Recipient Integrity and Performance can be found at EPA Solicitation Clauses. These, and the other provisions that can be found at the website link, are important, and applicants must review them when preparing applications for this solicitation. If you are unable to access these provisions electronically at the website above, please communicate with the EPA contact listed in this solicitation to obtain the provisions.

A. Evaluation Criteria

Criteria	Points
<p>1. Project Summary/Approach: Under this criterion, the Agency will evaluate the following factors: (i) (24 pts) the extent and quality to which the narrative proposal includes a well-conceived strategy for addressing the requirements in Section I, Parts B (Scope of Work) and C (EPA Strategic Plan Linkage), (ii) (6 pts) whether the narrative proposal sets forth a reasonable time schedule for the execution of the tasks associated with the project and for achieving the project goals and objectives by project end.</p>	30

<p>2. Environmental Results—Outcomes, Outputs and Performance Measures: Under this criterion, the Agency will evaluate the effectiveness of the applicant’s plan for tracking and measuring its progress toward achieving the expected project outputs and outcomes, including those identified in Section I of this announcement. In addition, the Agency will evaluate the performance measures proposed by the applicant and how they will be used to help track and measure the Applicants progress towards achieving the expected outputs and outcomes.</p>	15
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<p>3. Programmatic Capability and Past Performance: Under this criterion, applicants will be evaluated based on their ability to successfully complete and manage the proposed project taking into account their:</p> <p>I. (6 points) Past performance in successfully completing and managing the assistance agreements identified in the narrative proposal as described in Section IV.C of the announcement,</p> <p>II. (6 points) history of meeting the reporting requirements under the assistance agreements identified in the narrative proposal as described in Section IV.C of the announcement including whether the applicant submitted acceptable final technical reports under those agreements and the extent to which the applicant adequately and timely reported on their progress towards achieving the expected outputs and outcomes under those agreements and if such progress was not being made whether the applicant adequately reported why not,</p> <p>III. (6 points) staff expertise and qualifications, staff knowledge, and resources or the ability to obtain them, to successfully achieve the goals of the proposed project.</p> <p>Note: In evaluating applicants under items I and II of this criterion, the Agency will consider the information provided by the applicant and may also consider relevant information from other sources including agency files and prior/current grantors (e.g., to verify and/or supplement the information supplied by the applicant). If you do not have any relevant or available past performance or reporting information, please indicate this in the proposal and you will receive a neutral score for these sub-factors (items I and II above-a neutral score is half of the total points available in a subset of possible points). If you do not provide any response for these items, you may receive a score of 0 for these factors.</p>	18
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<p>4. Budget: Under this criterion, the Agency will evaluate the proposed project budget to determine whether:</p> <p>I. (4 pts) costs are reasonable to accomplish the proposed goals, objectives, and measurable environmental outcomes,</p> <p>II. (4 pts) the proposed budget provides a detailed breakout of the approximate funding used for each major activity.</p> <p>An applicant’s budget and budget narrative must account for both federal funds and any non-federal funds.</p>	8
<p>5. Sustainability: Applications will be evaluated based on the quality and extent to which the applicant’s project, if successfully implemented, will enact changes to an organization, community, or the society at large in a lasting and sustainable manner.</p>	8
<p>6. Innovation: Applications will be evaluated based on the extent to which the application proposes a project that encompasses innovative (e.g., not usual, routine or established practices) solid waste reduction measures that have the capacity to institute real change.</p>	8
<p>7. Caribbean Focus: Projects that benefit Puerto Rico and/or the U.S. Virgin Islands will receive 8 extra points.</p>	8
<p>8. Expenditure of Awarded Grant Funds (5 points): Under this criterion, applicants will be evaluated based on their approach, procedures, and controls for ensuring that awarded grant funds will be expended in a timely and efficient manner.</p>	5

B. Review and Selection Process

Applications will first be evaluated against the threshold factors listed in Section III. Only those applications which meet all of the threshold factors will be evaluated using the evaluation criteria listed above by an EPA evaluation team. Each application will be given a numerical score and will be rank-ordered according to the numerical score. Preliminary funding recommendations will be provided to the Selection Official based on this ranking.

C. Other Factors

Final funding decisions will be made by the Selection Official based on the rankings and preliminary recommendations of the EPA evaluation team. In making the final funding decisions, the Selection Official may also consider programmatic priorities and geographic diversity of funds. Once final decisions have been made, a funding recommendation will be developed and forwarded to the EPA Award Official.

D. Additional Provisions for Applicants Incorporated Into the Solicitation

Additional provisions that apply to this solicitation and/or awards made under this solicitation including the clause on Reporting and Use of Information Concerning Recipient Integrity and Performance can be found at [EPA Solicitation Clauses](#). These, and the other provisions that can be found at the website link, are important, and applicants must review them when preparing proposals for this solicitation. If you are unable to access these provisions electronically at the website above, please communicate with the EPA contact listed in this solicitation to obtain *the provisions*.

VI. Award Administration Information

A. Award Notices

Following evaluation of applications, all applicants will be notified regarding their status.

Application Notifications

1. EPA anticipates notification to successful applicants will be made via e-mail within [you are missing a timeframe; usually 45-60 days after closing date]. The notification will be sent to the original signer of the application or the project contact listed in the application. This notification, which informs the applicant that its application has been selected and is being recommended for award, is not an authorization to begin work. The official notification of an award will be made by the Region 2 Award Official.

Applicants are cautioned that only an Award Official is authorized to bind the Government to the expenditure of funds; selection does not guarantee an award will be made. For example, statutory authorization, funding or other issues discovered during the award process may affect the ability of EPA to make an award to an applicant. The award notice, signed by an EPA Award Official, is the authorizing document and will be provided through electronic mail. The successful applicant may need to prepare and submit additional documents and forms, which must be approved by EPA, before the grant can officially be awarded. The time between notification of selection and award of a grant can take up to 90 days or longer.

2. EPA anticipates notification to unsuccessful applicant(s) will be made via email [see comment above regarding timeframe]. The notification will be made to the original signer of the Standard Form (SF) 424, Application for Federal Assistance.

Debriefings

Unsuccessful applicants interested in requesting a debriefing should refer to the procedures for debriefings in the [Dispute Resolution Procedures](#), which can also be found at 70 FR (Federal Register) 3629, 3630 (January 26, 2005). Copies of these procedures may also be requested by contacting the person listed in Section VII of the announcement. Please note that the FR notice referenced above refers to regulations at

40 CFR Parts 30 and 31 that have been superseded by regulations in 2 CFR Parts 200 and 1500. Notwithstanding this, the procedures for competition-related debriefings and disputes remains unchanged from the procedures described at 70 FR 3629, 3630, as indicated in 2 CFR Part 1500, Subpart E.

B. Administrative and National Policy Requirement

A listing and description of general EPA Regulations applicable to the award of assistance agreements may be viewed at: <http://www.epa.gov/grants/policy-regulations-and-guidance-epagrants>.

C. Reporting Requirement

Quarterly progress reports and a detailed final technical report will be required. Quarterly reports summarizing technical progress, planned activities for next quarter and summary of expenditures are required. The final technical report shall be completed within 90 calendar days of the completion of the period of performance. The final technical report should include: summary of the project or activity, advances achieved and costs of the project or activity. In addition, the final technical report shall discuss the problems, successes, and lessons learned from the project or activity that could help overcome structural, organizational or technical obstacles to implementing a similar project elsewhere. The schedule for submission of quarterly reports will be established by EPA at the time of award as part of the grant-specific terms and conditions of the assistance agreement.

In addition to the quarterly progress reports discussed above, administrative and financial reports will be required in accordance with the schedules and standard forms also stipulated in the grant specific terms and conditions of the assistance agreement.

D. Disputes

Assistance agreement competition-related disputes will be resolved in accordance with the dispute resolution procedures published in 70 FR (Federal Register) 3629, 3630 (January 26, 2005) which can be found at [Grant Competition Dispute Resolution Procedures](#). Copies of these procedures may also be requested by contacting the person listed in Section VII of the announcement. Note, the FR notice references regulations at 40 CFR Parts 30 and 31 that have been superseded by regulations in 2 CFR parts 200 and 1500. Notwithstanding the regulatory changes, the procedures for competition-related disputes remains unchanged from the procedures described at 70 FR 3629, 3630, as indicated in 2 CFR Part 1500, Subpart E.

E. Additional Provisions for Applicants Incorporated into the Solicitation

Additional provisions that apply to this solicitation and/or awards made under this solicitation, including but not limited to those related to DUNS, SAM, copyrights, disputes, and administrative capability, subrecipients and contractors (including individual consultants) can be found at: www.epa.gov/grants/epa-solicitation-clauses. These, and the other provisions that can be found at the website link, are important, and applicants must review them when preparing applications for this solicitation. If you are unable to access these provisions electronically at the website above, please communicate with the EPA contact listed in this solicitation to obtain the provisions.

VII. Agency Contacts

For further information, contact:

U.S. Environmental Protection Agency, Region 2

Attn: Dale Carpenter

290 Broadway, 22nd floor

New York, NY 10007-1866

(212) 637-4110

Carpenter.dale@epa.gov

All questions or comments must be communicated in writing via email to the contact person listed above. Questions and answers will be shared with all applicants via email.

VIII. Other Information (Appendices)

Appendix A. Submission Instructions

The electronic submission of your application must be made by an official representative of your institution who is registered with <https://www.grants.gov> and is authorized to sign applications for Federal assistance. For more information on the registration requirements that must be completed in order to submit an application through <https://www.grants.gov>, go to <https://www.grants.gov> and click on “Applicants” on the top of the page and then go to the “Get Registered” link on the page. If your organization is not currently registered with <https://www.grants.gov>, please encourage your office to designate an Authorized Organization Representative (AOR) and ask that individual to begin the registration process as soon as possible. Please note that the registration process also requires that your organization have a DUNS number and a current registration with the System for Award Management (SAM) and the process of obtaining both could take a month or more. Applicants must ensure that all registration requirements are met in order to apply for this opportunity through grants.gov and should ensure that all such requirements have been met well in advance of the submission deadline. Registration on <https://www.grants.gov>, SAM.gov, and DUNS number assignment is FREE.

Applicants need to ensure that the AOR who submits the application through

<https://www.grants.gov> and whose DUNS number is listed on the application is an AOR for the applicant listed on the application. Additionally, the DUNS number listed on the application must be registered to the applicant organization's SAM account. If not, the application may be deemed ineligible.

To begin the application process under this grant announcement, go to [Grants.gov](https://www.grants.gov) and click on "Applicants" on the top of the page and then "Apply for Grants" from the dropdown menu and then follow the instructions accordingly. Please note: To apply through Grants.gov, you must use Adobe Reader software and download the compatible Adobe Reader version. For more information about Adobe Reader, to verify compatibility, or to download the free software, please visit [Adobe Reader Compatibility Information on Grants.gov](https://www.grants.gov)

You may also be able to access the application package for this announcement by searching for the opportunity on [Grants.gov](https://www.grants.gov). Go to [Grants.gov](https://www.grants.gov) and then click on "Search Grants" at the top of the page and enter the Funding Opportunity Number, **EPA-SMMS-2019-1**, or the CFDA number that applies to the announcement (CFDA **66.808 EPA**), in the appropriate field and click the Search button

Please Note: All applications must now be submitted through <https://www.grants.gov> using the "Workspace" feature. Information on the Workspace feature can be found at the <https://www.grants.gov> [Workspace Overview Page](#).

Application Submission Deadline: Your organization's AOR must submit your complete application package electronically to EPA through <https://www.grants.gov> no later than **September 9, 2019 11:59 PM ET**. Please allow for enough time to successfully submit your application and allow for unexpected errors that may require you to resubmit.

Please submit all of the application materials described below using the <https://www.grants.gov> application package accessed using the instructions above.

Application Materials

All application submissions **must** contain the following completed and signed grant application forms, as well as a Narrative Proposal, as described below:

- Standard Form (SF) 424, Application for Federal Assistance

Please note that the organizational Dun and Bradstreet (D&B) Data Universal Number System (DUNS) number must be included on the SF-424. Organizations may obtain a DUNS number at no cost by calling the toll-free DUNS number request line at 1-866705-5711.

- Standard Form (SF) 424A, Budget Information for Non-Construction Programs

- Standard Form (SF) 424B, Assurances for Non-Construction Programs
- EPA Form 5700-54, Key Contacts Form
- EPA Form 4700-4, Preaward Compliance Review Report for All Applicants and Recipients Requesting Federal Financial Assistance
- Narrative Proposal (including Detailed Budget Description)-See Section IV.C of the announcement-submit using project narrative attachment form.

See Section IV.C for more detail on the application package.

Applications submitted through grants.gov will be time and date stamped electronically. If you have not received a confirmation of receipt from EPA (not from grants.gov) within 30 days of the application deadline, please contact Dale Carpenter at (212) 637-4110. Failure to do so may result in your application not being reviewed.

c. Technical Issues With Submission

1. Once the application package has been completed, the “Submit” button should be enabled. If the “Submit” button is not active, please call <https://www.grants.gov> for assistance at 1-800-5184726. Applicants who are outside the U.S. at the time of submittal and are not able to access the toll-free number may reach a <https://www.grants.gov> representative by calling 606-545-5035. Applicants should save the completed application package with two different file names before providing it to the AOR to avoid having to re-create the package should submission problems be experienced or a revised application needs to be submitted.

2. Submitting the application. The application package must be transferred to <https://www.grants.gov> by an AOR. The AOR should close all other software before attempting to submit the application package. Click the “submit” button of the application package. Your Internet browser will launch and a sign-in page will appear. Note: *Minor problems are not uncommon with transfers to <https://www.grants.gov>. It is essential to allow sufficient time to ensure that your application is submitted to <https://www.grants.gov> BEFORE the due date identified in Section IV of the solicitation.* The <https://www.grants.gov> support desk operates 24 hours a day, seven days a week, except Federal Holidays.

A successful transfer will end with an on-screen acknowledgement. For documentation purposes, print or screen capture this acknowledgement. If a submission problem occurs, reboot the computer – turning the power off may be necessary – and re-attempt the submission.

Note: <https://www.grants.gov> issues a “case number” upon a request for assistance.

3. Transmission Difficulties. If transmission difficulties that result in a late transmission, no transmission, or rejection of the transmitted application are experienced, and following the above instructions do not resolve the problem so that the application is submitted to [Grants.gov](https://www.grants.gov) by the deadline date and time, follow the guidance below. The Agency will make a decision concerning acceptance of each late submission on a case-by-case basis. All emails, as described below, are to be sent to Dale Carpenter with the FON in the subject line. If you are unable to email, contact Dale Carpenter at (212) 637-4110. Be aware that EPA will only consider accepting applications that were unable to transmit due to <https://www.grants.gov> or relevant www.Sam.gov system issues or for unforeseen exigent circumstances, such as extreme weather interfering with internet access. Failure of an applicant to submit timely because they did not properly or timely register in SAM.gov or <https://www.grants.gov> is not an acceptable reason to justify acceptance of a late submittal.

a. If you are experiencing problems resulting in an inability to upload the application to <https://www.grants.gov>, it is essential to call <https://www.grants.gov> for assistance at 1-800-

5184726 before the application deadline. Applicants who are outside the U.S. at the time of submittal and are not able to access the toll-free number may reach a <https://www.grants.gov> representative by calling 606-545-5035. Be sure to obtain a case number from <https://www.grants.gov>. If the problems stem from unforeseen exigent circumstances unrelated to <https://www.grants.gov>, such as extreme weather interfering with internet access, contact Dale Carpenter at (212) 637-4110.

b. Unsuccessful transfer of the application package: If a successful transfer of the application cannot be accomplished even with assistance from <https://www.grants.gov> due to electronic submission system issues or unforeseen exigent circumstances, and you have already attempted to resolve the issue by contacting <https://www.grants.gov>, send an email message to carpenter.dale@epa.gov prior to the application deadline. The email message must document the problem and include the <https://www.grants.gov> case number as well as the entire application in PDF format as an attachment.

c. <https://www.grants.gov> rejection of the application package: If a notification is received from <https://www.grants.gov> stating that the application has been rejected for reasons other than late submittal and it is too late to reapply, promptly send an email to carpenter.dale@epa.gov with the FON in the subject line within one business day of the closing date of this solicitation. The email should include any materials provided by <https://www.grants.gov> and attach the entire application in PDF format.

Please note that successful submission through <https://www.grants.gov> or via email does not necessarily mean your application is eligible for award.

d. **Budget Development Guidance**

EPA has issued general budget development guidance for applicants and recipients. The Interim General Budget Development Guidance is a tool to assist EPA applicants and recipients with properly categorizing costs for object class categories in the [Standard Form 424A](#), "Budget Information for Non-Construction Programs," when applying for EPA financial assistance. Please refer to [RAIN-2019-G02](#) for additional information.