

---

## GRANT APPLICATION SUMMARY SHEET

---

**Grant Name:** Solid Waste Infrastructure for Recycling (SWIFR) 26-28  
**Department:** WASTE SERVICES  
**Grantor:** ENVIRONMENTAL PROTECTION AGENCY  
**Pass-Through Grantor (If applicable):**  
**Total Applied For** \$2,440,000.00  
**Metro Cash Match:** \$0.00  
**Department Contact:** Sharon Smith  
 862-8715  
**Status:** NEW

**Program Description:**

Funding opportunity from the US EPA established by the 2021 Bipartisan infrastructure Law to implement the National Recycling Strategy. If awarded, these funds will be used to purchase and install specialized equipment for a materials recovery facility to sort and bale recyclables and public litter baskets with A.I./Smart technology.

**Plan for continuation of services upon grant expiration:**

Public litter baskets will be collected and maintained within Waste Services operational budget as they are currently. The Materials Recovery Facility will generate revenue that will support funding staff and operations.

**APPROVED AS TO AVAILABILITY OF FUNDS:**

**APPROVED AS TO FORM AND LEGALITY:**

*Kevin Crumbo/mpw* 12/18/2024 | 11:29 AM CST  
**Director of Finance** **Date**

*Tara Gadd* 12/18/2024 | 4:17 PM CST  
**Metropolitan Attorney** **Date**

*AP* *AL*  
**APPROVED AS TO RISK AND INSURANCE:**

*Balagun Cobb* 12/18/2024 | 11:35 AM CST  
**Director of Risk Management Services** **Date**

*Phredie O'Connell/mpw@nashville.gov* 12/19/2024 | 8:09 AM PST  
**Metropolitan Mayor** **Date**

(This application is contingent upon approval of the application by the Metropolitan Council.)

### Grants Tracking Form

Part One

<b>Pre-Application</b> <input type="radio"/>		<b>Application</b> <input checked="" type="radio"/>		<b>Award Acceptance</b> <input type="radio"/>		<b>Contract Amendment</b> <input type="radio"/>	
Department	Dept. No.	Contact			Phone	Fax	
WASTE SERVICES		Sharon Smith			862-8715		
<b>Grant Name:</b>		Solid Waste Infrastructure for Recycling (SWIFR) 26-28					
<b>Grantor:</b>		ENVIRONMENTAL PROTECTION AGENCY	<b>Other:</b>				
<b>Grant Period From:</b>		01/01/26	<small>(applications only)</small> <b>Anticipated Application Date:</b>		12/20/24		
<b>Grant Period To:</b>		06/30/28	<small>(applications only)</small> <b>Application Deadline:</b>		12/20/24		
<b>Funding Type:</b>		FED DIRECT	<b>Multi-Department Grant</b> <input type="checkbox"/> <b>→ If yes, list below.</b>				
<b>Pass-Thru:</b>			<b>Outside Consultant Project:</b> <input type="checkbox"/>				
<b>Award Type:</b>		COMPETITIVE	<b>Total Award:</b>		\$2,440,000.00		
<b>Status:</b>		NEW	<b>Metro Cash Match:</b>		\$0.00		
<b>Metro Category:</b>		New Initiative	<b>Metro In-Kind Match:</b>		\$0.00		
<b>CFDA #</b>		66.920	<b>Is Council approval required?</b>		<input checked="" type="checkbox"/>		
<b>Project Description:</b>		<b>Applic. Submitted Electronically?</b> <input checked="" type="checkbox"/>					
<p>Funding opportunity from the US EPA established by the 2021 Bipartisan infrastructure Law to implement the National Recycling Strategy. If awarded, these funds will be used to purchase and install specialized equipment for a materials recovery facility to sort and bale recyclables and public litter baskets with A.I./Smart technology.</p>							
<b>Plan for continuation of service after expiration of grant/Budgetary Impact:</b>							
Public litter baskets will be collected and maintained within Waste Services operational budget as they are currently. The Materials Recovery Facility will generate revenue that will support funding staff and operations.							
<b>How is Match Determined?</b>							
<b>Fixed Amount of \$</b>		\$0.00	or	<b>% of Grant</b>		<b>Other:</b> <input type="checkbox"/>	
<b>Explanation for "Other" means of determining match:</b>							
n/a							
<b>For this Metro FY, how much of the required local Metro cash match:</b>							
<b>Is already in department budget?</b>		n/a		<b>Fund</b>	<b>Business Unit</b>		
<b>Is not budgeted?</b>				<b>Proposed Source of Match:</b>		N/A	
<b>(Indicate Match Amount &amp; Source for Remaining Grant Years in Budget Below)</b>							
<b>Other:</b>							
<b>Number of FTEs the grant will fund:</b>		0.00		<b>Actual number of positions added:</b>		0.00	
<b>Departmental Indirect Cost Rate</b>		15.70%		<b>Indirect Cost of Grant to Metro:</b>		\$383,080.00	
<b>*Indirect Costs allowed?</b> <input type="radio"/> Yes <input checked="" type="radio"/> No		<b>% Allow.</b> 0.00%		<b>Ind. Cost Requested from Grantor:</b>		\$0.00 <b>in budget</b>	
<small>*(If "No", please attach documentation from the grantor that indirect costs are not allowable. See Instructions)</small>							
<b>Draw down allowable?</b> <input type="checkbox"/>							
<b>Metro or Community-based Partners:</b>							
Nashville Downtown Partnership; Bloomberg Sustainable Cities;							

Part Two

Grant Budget										
Budget Year	Metro Fiscal Year	Federal Grantor	State Grantor	Other Grantor	Local Match Cash	Match Source (Fund, BU)	Local Match In-Kind	Total Grant Each Year	Indirect Cost to Metro	Ind. Cost Neg. from Grantor
Yr 1	FY26/27	\$1,440,000.00						\$1,440,000.00	\$226,080.00	
Yr 2	FY27/28	\$1,000,000.00						\$1,000,000.00	\$157,000.00	
Yr 3	FY28/29									
Yr 4	FY__									
Yr 5	FY__									
<b>Total</b>		\$2,440,000.00	\$0.00	\$0.00	\$0.00		\$0.00	\$2,440,000.00	\$383,080.00	\$0.00
<b>Date Awarded:</b>					<b>Tot. Awarded:</b>		<b>Contract#:</b>			
(or) <b>Date Denied:</b>					<b>Reason:</b>					
(or) <b>Date Withdrawn:</b>					<b>Reason:</b>					

Contact: [juanita.paulsen@nashville.gov](mailto:juanita.paulsen@nashville.gov)  
[vaughn.wilson@nashville.gov](mailto:vaughn.wilson@nashville.gov)



**AGENCY:** ENVIRONMENTAL PROTECTION AGENCY (EPA)  
**TITLE:** Solid Waste Infrastructure for Recycling (SWIFR) Grants for **Political Subdivisions of States and Territories**<sup>1</sup>

**ACTION:** Notice of Funding Opportunity (NOFO)

**FUNDING OPPORTUNITY NUMBER: EPA-I-OLEM-ORCR-24-05**

**Assistance Listing No:** 66.920

**KEY DATES:**

**Dec. 20, 2024** NOFO CLOSURES – APPLICATIONS DUE BY 11:59 PM (ET)

**July 2025** ANTICIPATED NOTIFICATION OF FUNDING SELECTION

**Dec. 2025** ANTICIPATED AWARD

**APPLICATION SUBMISSION DEADLINE:** Application packages must be submitted electronically to the EPA through [Grants.gov](http://www.grants.gov) ([www.grants.gov](http://www.grants.gov)) no later than **December 20, 2024, at 11:59 p.m. (ET)** in order to be considered for funding.

To allow for efficient management of the competitive process, the EPA requests submittal of an optional, informal Notice of Intent to Apply by **November 15, 2024** to [SWIFR@epa.gov](mailto:SWIFR@epa.gov). Please include your approximate funding amount, the track under which you are applying (refer to *Section I.E: Program Tracks* for more information), and one to two sentences about the scope of your project. Submission of an Intent to Apply is optional. The Notice of Intent to Apply is not required but it is a process management tool that will allow the EPA to better anticipate the total staff time required for efficient review, evaluation, and selection of submitted applications.

**Note – EPA advises against naming contractors (including consultants and brand-name equipment) in grant applications.** However, if an applicant chooses to name a contractor, prior to naming a contractor or subrecipient in your application as a “partner,” please carefully review Section IV.d. Contracts and Subawards in [EPA’s Solicitation Clauses](#) that is incorporated by reference in this announcement (refer to *Section III.D: Named Contractors and Subrecipients*). EPA expects recipients of funding to comply with competitive procurement contracting requirements as well as EPA’s rule on Participation by Disadvantaged Business Enterprises in EPA Programs in 40 CFR Part 33. The Agency does not accept justifications for sole source contracts for services or products available in the commercial marketplace based on a contractor’s role in preparing an application or prior relationships with the contractor that were not established in compliance with competitive procurement requirements. Note that these competitive procurement requirements apply with equal force to contractual relationships established prior to or after the award of EPA funds. Applicants who choose to name a contractor must demonstrate that they have **already complied** with all applicable competitive procurement contracting requirements.

---

<sup>1</sup> Please note that the EPA also refers to this type of grant under SWIFR as “SWIFR Grants for Communities.”

Please note that listing brand-named equipment in an application can be considered naming a contractor and should be replaced with the generic name for the type of equipment (e.g., front-end loader, baler, etc.) unless you can document cost comparisons for determining the price of the equipment.

There is no cost share required for this funding opportunity. Voluntary committed cost share will not be accepted or evaluated under this competition.

**CONTENTS BY SECTION**

**SECTION I. FUNDING OPPORTUNITY DESCRIPTION .....5**

- A. Background ..... 5**
- B. Statutory/Regulatory Authority Criteria ..... 7**
- C. Key Definitions ..... 7**
- D. Program Vision and Goals ..... 9**
- E. Program Tracks ..... 9**
- F. Scope of Work ..... 10**
- G. General Environmental Results and EPA Strategic Plan Information ..... 11**
- H. Linkages to National Strategies ..... 12**
- I. Minority Serving Institutions..... 12**
- J. Measuring and Reporting Environmental Results: Outputs and Outcomes ..... 13**
- K. Additional Provisions for Applicants Incorporated into The Solicitation..... 14**

**SECTION II. AWARD INFORMATION .....14**

- A. What is the amount of available funding? ..... 14**
- B. Funding Structure and Program Tracks ..... 14**
- C. How many agreements will EPA award in this competition? ..... 15**
- D. Changing the Ratio of Awards When There are Multiple Priorities In A Competition ... 15**
- E. Type of Award ..... 15**
- F. Will applications be partially funded? ..... 15**
- G. What is the project period for awards resulting from this solicitation? ..... 16**
- H. Are pre-award costs allowable? ..... 16**

**SECTION III. ELIGIBILITY INFORMATION.....16**

- A. Eligible Applicants ..... 16**
- B. Cost Sharing ..... 18**
- C. Threshold Eligibility Criteria ..... 18**
- D. Named Contractors and Subrecipients ..... 20**
- E. Ineligible Costs or Activities and Other Considerations ..... 21**

**SECTION IV. APPLICATION AND SUBMISSION INFORMATION.....23**

- A. Requirements to Submit through Grants.gov and Limited Exception Procedures ..... 23**
- B. Submission Instructions ..... 23**
- C. Technical Issues with Submission ..... 25**
- D. Application Materials ..... 26**
- E. Content of Application Submission ..... 26**

<b>F.</b>	<b>Technical Assistance</b> .....	37
<b>G.</b>	<b>Pre-Application Assistance</b> .....	37
<b>H.</b>	<b>Confidential Business Information</b> .....	38
<b>I.</b>	<b>Intergovernmental Review</b> .....	38
<b>SECTION V – APPLICATION REVIEW INFORMATION</b> .....		<b>39</b>
<b>A.</b>	<b>Evaluation Criteria</b> .....	39
<b>B.</b>	<b>Review and Selection Process</b> .....	42
<b>SECTION VI – AWARD ADMINISTRATION INFORMATION</b> .....		<b>44</b>
<b>A.</b>	<b>Award Notification</b> .....	44
<b>B.</b>	<b>Combining Applications into One Award</b> .....	44
<b>C.</b>	<b>Administrative and National Policy Requirements</b> .....	44
<b>D.</b>	<b>Use of Funds</b> .....	44
<b>E.</b>	<b>Program Income</b> .....	45
<b>F.</b>	<b>Build America, Buy America Requirements</b> .....	45
<b>G.</b>	<b>Project Labor Agreements and Prevailing Wage Requirements</b> .....	46
<b>H.</b>	<b>National Environmental Protection Act (NEPA) Compliance</b> .....	46
<b>I.</b>	<b>Disputes</b> .....	47
<b>J.</b>	<b>Quality Assurance Project Plans (QAPPs)</b> .....	47
<b>K.</b>	<b>Reporting Requirements</b> .....	47
<b>SECTION VII – AGENCY CONTACT</b> .....		<b>48</b>

## **SECTION I. FUNDING OPPORTUNITY DESCRIPTION**

### **A. Background**

Material resource extraction and processing account for approximately 55 percent of global greenhouse gas emissions.<sup>2</sup> Increasing recycling reduces climate, environmental, and social impacts of materials use, and keeps valuable resources in use instead of in landfills. Municipal solid waste management<sup>3</sup> has long suffered from a lack of investment. Some communities that lack waste management infrastructure do not have curbside waste collection services, recycling, or composting programs, which increases the burden on limited landfill capacity and increases greenhouse gas emissions. For example, more than one-third (nearly 100 million tons) of the United States (U.S.) municipal waste stream is organic waste. The production and current management of organics contributes to a broad range of negative environmental impacts, including climate change, air pollutants, water scarcity, biodiversity loss, and soil and water quality degradation. For example, producing, grading, packing, processing, distributing, retailing, and preparing the amount of food that is currently wasted annually in the U.S. contributes greenhouse gas (GHG) emissions equivalent to that of 42 coal-fired power plants and requires enough water and energy to supply more than 50 million homes each year.<sup>4</sup> When food waste and other organics go to the landfill, they release methane, a powerful greenhouse gas. In 2020, 14.5% of human-related methane emissions came from landfills.<sup>5</sup> Mismanaged waste also can compound health, economic, and undesirable social conditions in disadvantaged communities that are marginalized by underinvestment and overburdened by pollution.

The EPA and others have undertaken significant efforts to promote the circular economy in the United States. In 2015, the EPA and the United States Department of Agriculture (USDA) announced the [U.S. 2030 Food Loss and Waste Reduction Goal](#), seeking to cut food loss and waste in half by the year 2030. In 2020, the EPA announced the [National Recycling Goal](#) to increase the U.S. recycling rate to 50 percent by 2030 and to galvanize efforts to strengthen the U.S. recycling system. One year later, the EPA released the [National Recycling Strategy: Part One of a Series on Building a Circular Economy for All](#). That same day, federal funding was made available to support the strategy when the [Infrastructure Investment and Jobs Act](#), also known as the 2021 Bipartisan Infrastructure Law (BIL), was signed into law. The National Recycling Strategy establishes a vision for building a circular economy to reduce material use, redesign materials to be less resource intensive, and recapture “waste” as a resource to manufacture new materials and products. As part one of the series, the National Recycling Strategy focuses on municipal solid waste recycling.

In June 2024, the White House, along with EPA, USDA, and the U.S. Food and Drug Administration (FDA), released part two of the series, [the National Strategy for Reducing Food Loss and Waste and Recycling Organics](#). The goal of this strategy is to prevent the loss and waste of food and increase recycling of organic materials, reduce greenhouse gas emissions, save households and businesses money, and build healthier, cleaner communities. This vision and strategies for a circular economy align

---

<sup>2</sup> Data from the 2024 Global Resources Outlook Report published by UN Environment.  
<https://www.resourcepanel.org/reports/global-resources-outlook-2024>

<sup>3</sup> EPA has developed a standardized set of terms with examples of Municipal Solid Waste:

<https://www.epa.gov/recyclingstrategy/standardized-terms-materials-accepted-municipal-recycling-programs>

<sup>4</sup> More information available in the EPA’s 2021 Report titled From Farm to Kitchen: The Environmental Impacts of Food Waste (Part 1), available at [https://www.epa.gov/system/files/documents/2021-11/from-farm-to-kitchen-the-environmental-impacts-of-u.s.-food-waste\\_508-tagged.pdf](https://www.epa.gov/system/files/documents/2021-11/from-farm-to-kitchen-the-environmental-impacts-of-u.s.-food-waste_508-tagged.pdf)

<sup>5</sup> <https://www.epa.gov/lmop/frequent-questions-about-landfill-gas#:~:text=MSW%20landfills%20are%20the%20third,use%20a%20significant%20energy%20resource.>

with the language and the goals identified in the Save Our Seas 2.0 Act regarding solid waste infrastructure and management in the United States.

The Solid Waste for Infrastructure for Recycling (SWIFR) grant program, authorized under Section 302(a) of the Save Our Seas 2.0 Act and funded through the BIL, is a historic investment in the health, equity, and resilience of American communities. The unprecedented funding provided by the BIL through the SWIFR grants will assist local waste management authorities by supporting improvements to local post-consumer materials management, including municipal recycling programs, and assisting local waste management authorities in making improvements to local waste management systems. The SWIFR grant program provides a critical opportunity to fund a range of high-impact projects to increase recycling, reduce contamination, and promote a circular economy for materials by making much-needed investments in solid waste management infrastructure.

The SWIFR Grant Program is a covered program under the Justice40 Initiative, which aims to deliver 40 percent of the overall benefits of federal climate, clean energy, affordable and sustainable housing, clean water, and other investments to disadvantaged communities. More information on [the Justice40 Initiative](#) at the EPA can be found at: [www.epa.gov/environmentaljustice/justice40-epa](http://www.epa.gov/environmentaljustice/justice40-epa).

There are three types of grants within the SWIFR program, which are designed to fund a range of projects that will enable EPA to help states, territories, Tribes, local governments, and communities improve and transform their recycling and materials management infrastructure:

1. [SWIFR Grants for States and Territories](#)
2. [SWIFR Grants for Tribes and Intertribal Consortia](#)
3. [SWIFR Grants for Political Subdivisions](#)<sup>6</sup>

This NOFO is for the SWIFR Grants for Political Subdivisions. The total estimated funding for this competitive opportunity is approximately \$58,000,000. The EPA anticipates awarding approximately 20 to 30 assistance agreements, with at least one award per EPA Region, depending on the quantity and quality of applications received. The minimum individual award amount is \$500,000 and the maximum individual award is \$5,000,000 for the grant period, which is up to three years. Refer to *Section II: Award Information* of this announcement for more information. This NOFO is in alignment with the [Biden Administration's Justice40 Initiative](#), which set the goal that 40 percent of the overall benefits of certain Federal investments flow to disadvantaged communities. In this NOFO, at least \$23,200,000 of the benefits, which in this program is defined as investments, will be set-aside specifically for awards to projects benefitting disadvantaged communities and U.S. Territories (refer to *Section III.A: Eligible Applicants* for more information).

Materials and waste streams considered under this announcement include: municipal solid waste (MSW), including plastics, organics, paper, metal, glass, etc., electronic waste, batteries, and construction and demolition (C&D) debris. In addition, materials and waste streams considered include the management pathways of source reduction, reuse, sending materials to material recovery facilities, composting, rendering, anaerobic digestion, and feeding animals.

---

<sup>6</sup> Please note that the EPA also refers to this type of grant under SWIFR as “SWIFR Grants for Communities.”



The following activities are not eligible for funding under this solicitation: constructing, improving or operating landfills; incineration; burn units; waste-to-energy (except anaerobic digestion); chemical and thermal recycling; biofuels; and environmental cleanup. Food preprocessing is only eligible when paired with recycling activities. *Note:* Definitions of some commonly used terms will be posted in a question and answer document on [EPA’s Solid Waste Infrastructure for Recycling Grants for Communities](#) webpage.

## B. Statutory/Regulatory Authority Criteria

The BIL provides \$275,000,000 for grants authorized under Section 302(a) “Post-Consumer Materials Management Infrastructure Grant Program” of the Save Our Seas 2.0 Act ([Public Law 116–224](#)) as codified at 33 U.S.C. 4282(a). The BIL funds are available to EPA at \$55,000,000 per year from Fiscal Year 2022 to Fiscal Year 2026. Congress appropriated an additional \$14,000,000 for grants authorized under Section 302(a) of Save Our Seas 2.0 Act through EPA’s Fiscal Year 2022 Appropriation Act ([Public Law 117-103](#)), Fiscal Year 2023 Appropriation Act ([Public Law 117-328](#)), and Fiscal Year 2024 Appropriation Act ([Public Law 118-122](#)).

Pursuant to Section 302(a) of the Save Our Seas 2.0 Act, the SWIFR grant program will:

- Implement the series of strategies on building a circular economy for all;
- Support improvements to local post-consumer materials management, including municipal recycling programs; and
- Assist local waste management authorities in making improvements to local waste management systems.

## C. Key Definitions

**Circular economy:** As defined in the Save Our Seas 2.0 Act, the term means an economy that uses a systems-focused approach and involves industrial processes and economic activities that are restorative or regenerative by design; enable resources used in such processes and activities to maintain their highest values for as long as possible; and aim for the elimination of waste through the superior design of materials, products, and systems (including business models). A circular economy is embraced within the sustainable materials management (SMM) approach that the United States federal government has pursued since 2009.

**Coalitions:** EPA recognizes that awards of \$500,000 to \$5,000,000 may be too large for some small or rural applicants to effectively manage. As a result, coalitions of small or rural eligible entities are eligible under this funding opportunity. Groups of two or more eligible applicants (defined as political subdivisions of states) may choose to form a coalition and submit a single application under this NOFO; however, one entity **must** be responsible for the grant. Coalitions **must** identify which eligible organization will be the recipient of the grant and which eligible organization(s) will be subrecipients of the recipient (the “pass-through entity”). *Subawards must* be consistent with the definition of that term in 2 CFR Part 200.1 and comply with the [EPA’s Subaward Policy](#). The pass-through entity that administers the grant and subawards will be accountable to the EPA for proper expenditure of the funds and reporting and will be the point of contact for the coalition. As provided in 2 CFR Part 200.332, subrecipients are accountable to the pass-through entity for proper use of EPA funding. Any contracts for services or products funded with EPA financial assistance must be awarded under the competitive procurement procedures of 2 CFR Part 200 and/or 2 CFR Part 1500, as applicable.

The regulations at 2 CFR Part 1500.10 contain limitations on the extent to which EPA funds may be used to compensate individual consultants. Refer to the [Best Practice Guide for Procuring Services, Supplies, and Equipment Under EPA Assistance Agreements](#) for guidance on competitive procurement requirements and consultant compensation. **EPA advises against naming a procurement contractor (including a consultant or brand-name equipment) as a “partner” or otherwise in your application unless the contractor has been selected in compliance with competitive procurement requirements.** Applicants who choose to name a contractor must demonstrate that they have **already complied** with all applicable competitive procurement contracting requirements.

**Disadvantaged community:** A disadvantaged community is a census tract identified by the [Climate and Economic Justice Screening Tool](#) that is at or above the threshold for one or more environmental, climate, or other burdens, and is at or above the threshold for an associated socioeconomic burden; or is a Federally Recognized Tribe.

*Note:* Under this announcement where considerations are given to disadvantaged communities, EPA will also give similar consideration consistent with 33 U.S.C. 4282 to all communities located in a U.S. Territory (Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, Commonwealth of Northern Mariana Islands).

Applicants must submit a screenshot of CEJST along with a brief narrative to illustrate that the proposed project will benefit a disadvantaged community, and/or that the proposed project is located in a U.S. Territory. Applicants from territories can attest that they are located in a territory without submitting a screenshot of CEJST. If a project is intended to serve multiple communities, only one needs to be meet the definition of disadvantaged community as defined by the CEJST or be located in a U.S. Territory in order to be considered a Track 1 application.

**Environmental justice (EJ):** “Environmental justice” means the just treatment and meaningful involvement of all people, regardless of income, race, color, national origin, Tribal affiliation, or disability, in agency decision-making and other Federal activities that affect human health and the environment so that people:

- are fully protected from disproportionate and adverse human health and environmental effects (including risks) and hazards, including those related to climate change, the cumulative impacts of environmental and other burdens, and the legacy of racism or other structural or systemic barriers; and
- have equitable access to a healthy, sustainable, and resilient environment in which to live, play, work, learn, grow, worship, and engage in cultural and subsistence practices.

**Political subdivisions:** Local governments are generally political subdivisions of states and differ from state and federal governments in that their authority is not based directly on a constitution. Each state constitution or other law describes in detail a procedure for establishing local governments as political subdivisions. In most cases the state legislature must approve the creation or incorporation of a local government. The local government then receives a charter defining its organization, authority and responsibilities, including the means for electing governing officials. Local government units bear a variety of names, such as city, county, township, village, parish, district, etc. The legal significance of these terms may vary from state to state. The authority of local governments varies greatly. Generally, a local government has the authority to:

- Impose taxes,
- Try people accused of breaking local laws or ordinances; and

- Administer local programs within its boundaries.

Depending on state law, political subdivisions may include other types of entities including those identified in the definition of *Local government* at 2 CFR Part 200.1 and state institutions of higher education.

**Post-consumer materials management:** As defined in the Save Our Seas 2.0 Act, the term refers to the systems, operation, supervision and long-term management of processes and equipment used for post-use material (including packaging, goods, products, and other materials), including collection; transport; and systems and processes related to post-use materials that can be recovered, reused, recycled, repaired, or refurbished.

When considering post-consumer materials management, it is important to include MSW, including plastics, food, paper, metal, glass, etc., and C&D debris), as well as the management pathways of source reduction and reuse, sending materials to material recovery facilities, composting, rendering, anaerobic digestion, and feeding animals.

#### D. Program Vision and Goals

This NOFO has the following goals:

- Fund a range of projects that will help local governments and communities improve and transform their post-consumer materials management infrastructure;
- Fund projects that will result in a significant decrease in the generation of MSW and/or an increase in the diversion of MSW from landfills and incineration; and
- Fund innovative solutions and programs that provide or increase access to prevention, reuse, mechanical recycling, anaerobic digestion, and composting.

This program aims to deliver 40 percent of the overall benefits of climate, clean energy, affordable and sustainable housing, clean water, and other investments to disadvantaged communities, consistent with the Justice40 Initiative. More information on can be found at: <https://www.epa.gov/environmentaljustice/justice40-epa>.

#### E. Program Tracks

Under this NOFO, EPA will fund projects under two tracks:

- **Track 1:** Projects that benefit disadvantaged communities as defined under *Section I.C: Key Definitions* of this NOFO.
  - Under this announcement where considerations are given to disadvantaged communities, EPA will also give similar consideration consistent with 33 U.S.C. 4282 to all communities located in a U.S. Territory (Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands). Applicants must submit a screenshot of CEJST along with a brief narrative to illustrate that the proposed project will benefit a disadvantaged community. Applicants from territories can attest that they are located in a territory without submitting a screenshot of CEJST. If a project is intended to serve multiple communities, only one needs to be meet the definition of disadvantaged community as defined by the CEJST or be located in a U.S. Territory in order to be considered a Track 1 application.

- EPA anticipates that approximately 40% (or \$23,200,000) of the funding will be awarded to projects that benefit disadvantaged communities.
- **Track 2:** Projects that benefit all other communities that do not meet the definition of disadvantaged communities as defined under *Section I.C: Key Definitions* of this NOFO and/or are not located in a U.S. Territory.

Applications must clearly indicate and provide adequate proof that the proposed project(s) fall under Track 1 or Track 2. If an application does not provide adequate proof that it qualifies for Track 1, EPA reserves the right to automatically re-assign an application to Track 2. Reassignment from Track 1 to Track 2 does not make an application less competitive. To qualify for Track 1, applications must demonstrate that the proposed project or project(s) will benefit a community that meets the definition of disadvantaged community as defined under *Section I.C: Key Definitions* of this NOFO and/or be located in a U.S. Territory. If a project is intended to serve multiple communities, only one community needs to meet the definition of disadvantaged community as defined above or be located in a U.S. Territory in order to be considered a Track 1 application. EPA reserves the right to determine under which track the application falls based on the justification provided in the application.

**There is no cost sharing or match requirement associated with this grant program. Voluntary cost share will not be accepted under this competition.** Applicants’ project budgets, including on the Standard Form 424A, should only include costs that will be borne by SWIFR funding.

**F. Scope of Work**

The EPA is soliciting applications for a wide variety of projects that are designed to build and transform solid waste infrastructure in the U.S. to equitably reduce waste and manage materials to achieve a circular economy, reduce greenhouse gas emissions, and create cleaner, resilient, and healthier communities. It is anticipated that projects will enable the EPA to help eligible partners significantly transform their post-consumer materials management infrastructure. Projects will create new capacity for, optimize existing capacity of, or identify strategies that result in an increase in management of post-consumer materials. The EPA also recognizes and encourages applications that demonstrate innovative solutions and programs that provide or increase access to prevention, reuse, recycling, anaerobic digestion, and composting opportunities in areas that currently do not have access.

In addition, the EPA is seeking post-consumer materials management projects that address environmental justice concerns and focus predominantly on addressing the disproportionate and adverse human health, environmental, climate-related and other cumulative impacts, as well as the accompanying economic challenges of such impacts that have affected and/or currently affect:

- people/communities of color;
- low income, tribal, and indigenous populations; and
- if applicable other vulnerable populations such as the elderly, children, and those with pre-existing medical conditions.

All applications must address one or more of the following objectives, as they relate to the track under either Track 1 or Track 2:

- Establish, increase, expand, or optimize collection and improve materials<sup>7</sup> management infrastructure<sup>8</sup>;
- Fund the creation and construction of tangible infrastructure, technology, or other improvements to reduce contamination in the recycled materials stream;
- Establish, increase, expand, or optimize capacity for materials management;
- Establish, improve, expand, or optimize end-markets for the use of recycled commodities; or
- Demonstrate a significant and measurable increase in the diversion,<sup>9</sup> recycling rate,<sup>10</sup> and quality of materials collected for municipal solid waste.

Applications **may also include (but are not limited to)** projects that fund:

- Programs that provide or increase access to prevention, reuse, and recycling in areas that currently do not have access; including development of and/or upgrades to drop-off and transfer stations (including but not limited to a hub-and-spoke model in rural communities), etc.;
- The purchase of recycling equipment, including but not limited to sorting equipment, waste metering, trucks, processing facilities, etc.;
- Upgrades to material recovery facilities (MRFs) such as optical sorters, artificial intelligence, etc.;
- Education and outreach activities as a minor element of larger eligible projects that are funded by the grant;
- Construction of and/or upgrades to composting facilities or anaerobic digesters to increase capacity for food and organics recycling;
- Development of and/or upgrades to curbside collection programs or drop-off stations for organics;
- Development of and/or upgrades to reuse infrastructure (e.g., online reuse platforms, community repair spaces, technology and equipment to improve materials management reuse options, food donation, upcycling, staging areas for material reuse/donation, reuse warehouses, reuse centers, and electronic waste and computer recycling and refurbishing) and/or
- Other activities that the applicant believes will further the objectives of the NOFO, provided those activities are eligible for funding under statute and the terms of this NOFO.

The following activities are not eligible for funding under this solicitation: constructing, improving or operating landfills; incineration; burn units; waste-to-energy (except anaerobic digestion); chemical and thermal recycling; biofuels; and environmental cleanup. Food preprocessing is only eligible when paired with recycling activities.

## **G. General Environmental Results and EPA Strategic Plan Information**

Pursuant to Section 6.a. of EPA Order 5700.7A1, “Environmental Results under EPA Assistance Agreements,” EPA must link proposed assistance agreements with the Agency’s Strategic Plan. EPA also requires that grant applicants and recipients adequately describe environmental outputs and outcomes to be achieved under assistance agreements (see [EPA Order 5700.7A1, Environmental Results under Assistance Agreements](#)).

<sup>7</sup> Materials and waste streams considered under SWIFR include: municipal solid waste (MSW), including plastics, organics, paper, metal, glass, etc., electronic waste, batteries, and construction and demolition (C&D) debris. In addition, materials and waste streams considered include the management pathways of source reduction, reuse, sending materials to material recovery facilities, composting, rendering, anaerobic digestion (AD), and feeding animals.

<sup>8</sup> Examples of materials management infrastructure includes but is not limited to: recycling/composting facilities, secondary processing facilities, and other facilities that manage MSW.

<sup>9</sup> Measured in tons of material diverted from landfill disposal or incineration.

<sup>10</sup> As defined by the Modeling Recycling Program Toolkit, available on the [EPA’s website](#).

The activities to be funded under this solicitation support the [FY 2022-2026 EPA Strategic Plan](#). Awards made under this solicitation will directly support Goal 6 – Safeguard and Revitalize Communities, Objective 6.2 – Reduce Waste and Prevent Contamination of EPA’s Strategic Plan. All applications must be for projects that support this goal and objective.

## **H. Linkages to National Strategies**

### **National Recycling Strategy**

In alignment with *Section I.F: Scope of Work*, the activities to be funded under this solicitation will support the [National Recycling Strategy](#) (NRS). Awards made under this solicitation will support one or more of the following objectives of the NRS:

- a) Improve markets for recycled commodities;
- b) Increase collection and improve materials management infrastructure;
- c) Reduce contamination in the recycled materials stream;
- d) Enhance policies and programs to support circularity; and
- e) Standardize measurement and increase data collection.

### **National Strategy for Reducing Food Loss and Waste and Recycling Organics**

The activities to be funded under this solicitation may, but are not required to, support the [National Strategy for Reducing Food Loss and Waste and Recycling Organics](#). Awards made under this solicitation may support the following objectives of this strategy:

- a) Support the development of additional organics recycling infrastructure through grants and other assistance for all communities, especially those that are underserved;
- b) Expand the market for products made from recycled organic waste;
- c) Enhance support to advance de-centralized (i.e., community-scale, on-farm and home composting) organics recycling, with emphasis on Tribal communities and communities with environmental justice concerns; and
- d) Address contamination in the organic waste recycling stream.

## **I. Minority Serving Institutions**

Under the Save Our Seas 2.0 Act, entities eligible to apply for funding under this solicitation include political subdivisions of states. State colleges and universities, including those that are state Minority Serving Institutions (MSIs), may be eligible for funding and must include in their applications proof of eligibility as an entity that is a political subdivision of the state. Examples of acceptable forms of proof include legal opinions from the state Attorney General or equivalent or from the Chief Legal Officer of the state college or university. Eligibility to apply for funding under this solicitation are discussed in more detail in *Section III.A: Eligible Applicants*.

The EPA recognizes that it is important to engage all available minds to address the environmental challenges the nation faces. At the same time, the EPA seeks to expand the environmental conversation by including members of communities which may have not previously participated in such dialogues to participate in the EPA’s programs. For this reason, the EPA strongly encourages all eligible applicants identified in *Section III: Eligibility Information*, 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(2)). A list of these schools can be found at [Historically Black Colleges and Universities](#);
2. Tribal Colleges and Universities (TCUs), 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 [Tribal College or University](#);
3. Hispanic-Serving Institutions (HSIs), as defined by the Higher Education Act (20 U.S.C. § 1101a(a)(5)). A list of these schools can be found at [Hispanic-Serving Institutions](#);
4. Asian American and Native American Pacific Islander-Serving Institutions; (AANAPISIs), as defined by the Higher Education Act (20 U.S.C. § 1059g(b)(2)). A list of these schools can be found at [Asian American and Native American Pacific Islander-Serving Institutions](#); and
5. Predominately Black Institutions (PBIs), as defined by the Higher Education Act of 2008, 20 U.S.C. § 1059e(b)(6). A list of these schools can be found at [Predominately Black Institutions](#).

## **J. Measuring and Reporting Environmental Results: Outputs and Outcomes**

Pursuant to [EPA Order 5700.7, “EPA’s Policy for Environmental Results under Assistance Agreements,”](#) EPA requires that all grant applicants and recipients adequately address environmental outputs and outcomes. Outputs and outcomes differ both in their nature and in how they are measured.

**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 specified period of time or by a specified date. Outputs may be quantitative or qualitative but must be measurable during an assistance agreement funding period.

**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 qualitative and environmental, behavioral, health-related, or programmatic in nature. Applications must include a description of anticipated project outcomes resulting from the project outputs, even if the outcome to be achieved is beyond the assistance agreement funding period. Include the quantitative target associated with the outcome, as appropriate.

**EPA encourages applicants to discuss all of the following environmental outputs and outcomes in the Project Narrative Attachment. Successful applicants that receive grants must report on all of the measures described below, even if the anticipated result is “0” or “not applicable.”**

- Number of infrastructure investments/enhancements made spanning the spectrum of collection through end market development (e.g., bins purchased, post-consumer materials management systems created, technology improvements made);
- Tons of MSW/C&D collected, recycled, composted, or managed via each relevant management pathway in the community served by the project;
- Tons of MSW/C&D generated per material type (e.g., plastic, food waste, etc.) and source in the community (e.g., household, school, or business) served by the project;
- GHG reduced (in metric tons of carbon dioxide equivalent/MTCO<sub>2e</sub>) from collection, recycling, composting or management via other management pathways;
- Number of temporary or permanent jobs created;
- Percentage of political subdivisions served as a result of establishing, increasing, expanding, or optimizing collection; and
- Number of disadvantaged communities served (as defined by this solicitation) as a result of establishing, increasing, expanding, or optimizing collection.

**A note about surveys and the OMB regulations implementing the Paperwork Reduction Act (PRA):** Grant recipients cannot use EPA funds to design nor administer the collection of identical information from 10 or more parties (for example, through surveys or focus groups). Reasonable costs for analyzing and publishing the independently collected information are allowable to the extent authorized in the EPA approved budget for this agreement.

## **K. Additional Provisions for Applicants Incorporated into The Solicitation**

Additional provisions that apply to *Section III: Eligibility Information*, *Section IV: Application and Submission Information*, *Section V: Application Review Information*, and *Section VI: Award Administration Information* of this solicitation and/or awards made under this solicitation, can be found at [EPA Solicitation Clauses](#). These provisions are important for applying to this solicitation 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 contact the EPA point of contact listed in this solicitation *Section VII: Agency Contact* to obtain the provisions.

## **SECTION II. AWARD INFORMATION**

### **A. What is the amount of available funding?**

The EPA anticipates awarding a total of approximately \$58,000,000 under this announcement, depending on the availability of funds, quantity and quality of applications received, and other applicable considerations.

Additionally, because Justice40 sets a goal that 40 percent of the overall benefits of certain Federal investments flow to disadvantaged communities, which is defined in *Section I.C: Key Definitions* for the purposes of this NOFO, the EPA expects to award approximately 40 percent of the total funding available, or \$23,200,000, to projects that benefit disadvantaged communities.

Grant recipients of EPA SWIFR grants in previous rounds of funding are not eligible for funding under this solicitation. The EPA reserves the right to reject all applications and make no awards. The EPA also reserves the right to make additional awards under this solicitation, consistent with Agency policy and guidance, if additional funding becomes available after the original selections are made. Any additional selections for awards will be made no later than 6 months after the original selection decisions.

### **B. Funding Structure and Program Tracks**

The EPA anticipates awarding at least one award per EPA Region, depending on the availability of funds, quantity and quality of the applications received, and other applicable considerations. The minimum individual award is \$500,000 and the maximum individual award is \$5,000,000 for the grant period, which is up to three years. Refer to *Section II: Award Information*, of this announcement for more information.

EPA expects to award at least 40 percent of the total, or approximately \$23,200,000, to projects that benefit disadvantaged communities (refer to *Section I.E: Program Tracks* and *Section II.A: What is the amount of available funding?* for more information), depending on the quality of the applications received. There is no cost share requirement associated with this grant program.



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

The EPA anticipates awarding approximately 20 to 30 assistance agreements, with at least one award per EPA Region, depending on the quantity and quality of the applications received. The minimum individual award is \$500,000 and the maximum individual award is \$5,000,000 for the grant period, subject to the availability of funds and the quality of eligible applications received. Applicants may submit separate applications for one or more of the projects described in *Section I.F: Scope of Work*.

### **D. Changing the Ratio of Awards When There are Multiple Priorities In A Competition**

The actual award amounts and number of projects awarded described in *Section I: Funding Opportunity Description* may differ from the estimated amounts for many reasons, including the number of quality applications received, agency priorities, and funding availability. The EPA reserves the right to increase or decrease (including decreasing to zero) the total number and amount of awards under each track or change the ratio of assistance agreements it awards among the tracks.

### **E. Type of Award**

The EPA intends to award cooperative agreements under this solicitation. Cooperative agreements provide for substantial involvement between the EPA Project Officer and the selected applicant(s) in the performance of the work supported. Although the EPA will negotiate precise terms and conditions relating to substantial involvement as part of the award process, the anticipated substantial federal involvement for these projects may include:

- close monitoring of the successful applicant's performance to verify the results proposed by the applicant;
- collaboration during performance of the scope of work;
- in accordance with 2 CFR Part 200.325, review of proposed procurement;
- review and approval of Quality Assurance Project Plans (QAPPs) and related documents, or verifying that appropriate Quality Assurance requirements have been met where quality assurance activities are being conducted pursuant to an EPA-approved Quality Assurance Management Plan;
- approving qualifications of key personnel (the EPA will not select employees or contractors employed by the award recipient); and
- review and comment on reports prepared under the cooperative agreement (the final decision on the content of reports rests with the recipient).

The EPA does not have the authority to select employees or contractors employed by the recipient or subrecipients. The final decision on the content of reports rests with the recipient.

### **F. Will applications be partially funded?**

In appropriate circumstances, the EPA reserves the right to partially fund applications by funding discrete portions or phases of proposed projects. If the 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, or portion thereof, was evaluated and selected for award, and therefore maintains the integrity of the competition and selection process. Applicants may choose to decline partial funding.

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

The estimated start date for projects resulting from this solicitation is **December 2025**. All project activities must be completed within the negotiated project performance period of three years.

## H. Are pre-award costs allowable?

As provided in 2 CFR Part 1500.9 and 2 CFR Part 200.458, EPA may reimburse successful applicants for pre-award costs “. . . incurred directly pursuant to the negotiation and in anticipation of the Federal award where such costs are necessary for efficient and timely performance of the scope of work . . .”. EPA interprets these provisions to limit allowable pre-award costs to those costs recipients incur after EPA notifies recipients of selection for competitive funding. Recipients incur pre-award costs at their own risk.

## **SECTION III. ELIGIBILITY INFORMATION**

Note: Additional provisions that apply to this section can be found at [EPA Solicitation Clauses](#).

### A. Eligible Applicants

Under this announcement, applications will be accepted from political subdivisions of states and territories. The EPA considers counties, cities, towns, parishes, and similar units of governments that have executive and legislative functions to be political subdivisions of states.

Local governments are generally political subdivisions of states and differ from state and federal governments in that their authority is not based directly on a constitution. Each state constitution describes in detail a procedure for establishing local governments. In most cases the state legislature must approve the creation or incorporation of a local government. The local government then receives a charter defining its organization, authority and responsibilities, including the means for electing governing officials. Local government units bear a variety of names, such as city, county, township, village, parish, district, etc. The legal significance of these terms may vary from state to state. The authority of local governments varies greatly. Generally, a local government has the authority to:

- Impose taxes;
- Try people accused of breaking local laws or ordinances; and
- Administer local programs within its boundaries.

Other entities (e.g., **state or territorial institutions of higher education, special districts, housing authorities**) must provide a documented legal opinion from the applicant’s legal counsel or equivalent. The documentation must include a statement that the state or territory in which they are located considers these entities to be a political subdivision of the state. Documentation must also cite applicable state or territorial law. Examples of acceptable forms of proof include legal opinions from the state Attorney General’s office or equivalent or from the applicant’s Chief Legal Officer or equivalent. Please note that EPA cannot interpret state or local laws. **A documented legal opinion is required from the applicant’s legal counsel or equivalent. If no documentation of eligibility from the state Attorney General’s office, the applicant’s legal officer, or equivalent is submitted with the application, the applicant will be deemed ineligible for funding.** Excerpted text from state or local statutes are **not** sufficient to prove qualification as a political subdivision of a state.

Refer to the table below for guidance if documentation is needed providing proof of eligibility as a political subdivision to apply for this funding opportunity.

Entity Type	Is documentation needed providing proof of eligibility as a political subdivision to apply for this funding opportunity?
County	No, documentation is not needed to apply
City	No, documentation is not needed to apply
Town	No, documentation is not needed to apply
Parish	No, documentation is not needed to apply
Incorporated Villages	No, documentation is not needed to apply
Local governments that are not counties, cities, towns, parishes, or incorporated villages	Yes, documentation is needed to apply
Unincorporated villages / hamlet	Yes, documentation is needed to apply
State or territorial institutions of higher education	Yes, documentation is needed to apply
Special districts (e.g., waste districts, sewer/water districts)	Yes, documentation is needed to apply
Housing authorities	Yes, documentation is needed to apply
Other entities not in this table	Yes, documentation is needed to apply

EPA expects to award at least 40 percent of the estimated total, or approximately \$23,200,000, to projects that benefit disadvantaged communities, depending on the quality of the applications received (refer to *Section I.E: Program Tracks* for more information).

**Tribes and intertribal consortia** are not eligible entities under this announcement but are eligible entities under the SWIFR Grants for Tribes and Intertribal Consortia funding opportunity. For more information visit: [EPA’s Solid Waste Infrastructure for Recycling Grants for Tribes and Intertribal Consortia](#).

**States and Territories** are not eligible entities under this announcement but are eligible entities under the SWIFR States and Territories funding opportunity. For more information, visit: [EPA’s Solid Waste Infrastructure for Recycling Grants for States and Territories](#). EPA anticipates providing funding for States and Territories in 2025 or 2026.

**Individuals, for-profit, and non-profit organizations** are not eligible entities under this announcement but may participate in projects as contractors, program beneficiaries, or subrecipients for transactions that comply with [Appendix A of EPA’s Subaward Policy](#), such as a subaward for improvements to a for-profit firm’s recycling facility, provided the transactions comply with applicable regulatory policy requirements. More information can be found in the [EPA’s Subaward Policy](#) and the [EPA Guidance on Participant Support Costs](#).

**Coalitions:** EPA recognizes that awards of \$500,000 to \$5,000,000 may be too large for small or rural applicants to effectively manage. As a result, coalitions of small or rural applicants are eligible entities for funding. Groups of two or more eligible applicants (political subdivisions of states) may choose to form a coalition and submit a single application under this NOFO; however, one entity **must** be named as the applicant and will be the recipient responsible for the grant. Reference *Section I.C: Key Definitions* for more information on coalitions.

## **B. Cost Sharing**

As provided in [2 CFR Part 200.1](#), cost sharing or matching means the portion of project costs not paid by Federal funds or contributions. **Consistent with the authorizing statute in the Save our Seas 2.0 Act Section 302(a), cost sharing and matching funds are not required under this competition.** As provided in [2 CFR Part 200.1](#), voluntary committed cost sharing is when an applicant voluntarily proposes to legally commit to provide costs or contributions to support the project when a cost share is not required.

Applicants may not propose a voluntary committed cost share under this Notice of Funding Opportunity. Applicants are to only include activities that EPA will fund in the workplan and costs for those activities in budgets. Voluntary committed cost share described in work plans or budgets will not be accepted by EPA or evaluated. EPA may contact the applicant to identify the cost share component that will be disregarded during evaluation. If an application is submitted that includes voluntary committed cost share, that portion of the application will not be evaluated. If the voluntary cost share portion of the application is so integrated into the workplan it cannot feasibly be disregarded during evaluation, it may not be possible to evaluate the application for funding. Only Federal funds should be included in the SF-424, SF-424A, and Budget Table and Description.

## **C. Threshold Eligibility Criteria**

The following 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 applicants (refer to *Section III.A: Eligible Applicants* of this NOFO) that meet all of these criteria will be evaluated against the ranking criteria in *Section V: Application Review Information* of this NOFO. If necessary, the EPA may contact applicants to clarify their threshold eligibility prior to making eligibility determinations. Applicants deemed ineligible for funding consideration due to the threshold eligibility review will be notified within 15 calendar days of the ineligibility determination.

The threshold eligibility criteria are:

1. Applications must address one or more of the mandatory objectives described in *Section I.F: Scope of Work*, of this announcement:

- Establish, increase, expand, or optimize collection and improve materials<sup>11</sup> management infrastructure;<sup>12</sup>
  - Fund the creation and construction of tangible infrastructure, technology, or other improvements to reduce contamination in the recycled materials stream;
  - Establish, increase, expand, or optimize capacity for materials management;
  - Establish, improve, expand, or optimize end-markets for the use of recycled commodities; or
  - Demonstrate a significant and measurable increase in the diversion,<sup>13</sup> recycling rate,<sup>14</sup> and quality of materials collected for municipal solid waste.
2. Applicants must be eligible, as described in *Section III.A: Eligible Applicants*, of this announcement. Please note that other entities (e.g., **state or territorial institutions of higher education, special districts, housing authorities**) must provide a documented legal opinion from the applicant’s legal counsel or equivalent that they are considered political subdivisions of the state.
  3. Named Contractors and Subrecipients. **The EPA advises against naming contractors (including consultants and brand-name equipment) in applications for SWIFR grant funding.** However, if an applicant chooses to identify a procurement contractor(s) or subrecipient(s) to conduct work proposed in this application, the applicant must demonstrate compliance with applicable regulatory requirements even if the entity is referred to as a “partner” in the application as described under *Section III.D: Named Contractors and Subrecipients* for more information. Applicants who choose to name a contractor must demonstrate that they have **already complied** with all applicable competitive procurement contracting requirements. Please note that listing brand-named equipment in an application can be considered naming a contractor and should be replaced with the generic name for the type of equipment (e.g., front-end loader, baler, etc.) unless you can document cost comparisons for determining the price of the equipment.
  4. Federal funds requested must be between \$500,000 and \$5,000,000, inclusive. Applications requesting federal assistance funding below or in excess of this value will not be considered.
  5. Qualification for Program Track. Applicants must indicate if their application qualifies for Track 1 or Track 2 as defined under *Section I.E: Program Tracks* and include information demonstrating that the application qualifies. If an application does not provide adequate proof that it qualifies for Track 1, EPA reserves the right to automatically assign an application to Track 2. Reassignment from Track 1 to Track 2 does not make an application less competitive.

---

<sup>11</sup> Materials and waste streams considered under SWIFR include: municipal solid waste (MSW), including plastics, organics, paper, metal, glass, etc. In addition, materials and waste streams considered include the management pathways of source reduction, reuse, sending materials to material recovery facilities, composting, rendering, anaerobic digestion (AD), and feeding animals. The following activities are not eligible for funding under this grant program: sending waste to landfills, waste-to-energy (except AD), incineration, burn barrels, gasification, food preprocessing when not paired with recycling activities, chemical and thermal processing of plastic waste, biofuels, and environmental cleanup.

<sup>12</sup> Examples of materials management infrastructure includes but is not limited to: recycling/composting facilities, secondary processing facilities, and other facilities that manage MSW with the intent to recycle or reuse materials.

<sup>13</sup> Measured in tons of material diverted from landfill disposal or incineration.

<sup>14</sup> As defined by the Modeling Recycling Program Toolkit, available on the [EPA’s website](#).

6. Award of Grants from Previous Rounds of Funding. Recipients of EPA SWIFR grants in previous rounds of funding are not eligible for funding under this solicitation. Applicants must attest that they do not have an open EPA SWIFR grant.
7. Applications must substantially comply with the application submission instructions and requirements set forth in *Section IV: Application and Submission Information* of this solicitation or else they will be rejected. However, where a page limit is expressed in *Section IV: Application and Submission Information* with respect to the application, or parts thereof, pages in excess of the page limitation will not be reviewed. Applicants are advised that readability is of paramount importance and should take precedence in application format, including selecting a legible font type and size for use in the application. **Please note, the budget table and description are different than the SF-424A form. Both are required to be completed as part of the application.**
8. In addition, initial applications must be submitted through [Grants.gov](https://www.grants.gov) as stated in *Section IV: Application and Submission Information* of this solicitation (except in the limited circumstances where another mode of submission is specifically allowed for as explained in *Section IV: Application and Submission Information*) on or before the application submission deadline published in *Section IV: Application and Submission Information* of this solicitation. Applicants are responsible for following the submission instructions in *Section IV: Application and Submission Information* of this solicitation to ensure that their application is timely submitted. **Please note that applicants experiencing technical issues with submitting through Grants.gov should follow the instructions provided in *Section IV: Application and Submission Information*, which include both the requirement to contact Grants.gov and email a full application to EPA prior to the deadline.**
9. Applications submitted outside of Grants.gov will be deemed ineligible without further consideration unless the applicant can clearly demonstrate that it was due to EPA mishandling or technical problems associated with [Grants.gov](https://www.grants.gov) or [SAM.gov](https://www.sam.gov). An applicant's failure to timely submit their application through [Grants.gov](https://www.grants.gov) because they did not timely or properly register in [SAM.gov](https://www.sam.gov) or [Grants.gov](https://www.grants.gov) will not be considered an acceptable reason to consider a submission outside of Grants.gov.

If an application is submitted that includes any ineligible tasks or activities, that portion of the application will be ineligible for funding and may, depending on the extent to which it affects the application, render the entire application ineligible for funding.

In addition, if necessary, the EPA may clarify threshold eligibility issues with applicants prior to making an eligibility determination.

Questions and answers will be posted on [Solid Waste Infrastructure for Recycling Grants for Communities](#) webpage.

#### **D. Named Contractors and Subrecipients**

**The EPA advises against naming contractors (including consultants or brand-name equipment) or subawards in applications for SWIFR grant funding.** However, if an applicant chooses to identify a procurement contractor(s) or subrecipient(s) to conduct work proposed in this application, the applicant must comply with the following requirements even if the entity is referred to as a “partner” in the

application. Please note that listing brand-named equipment in an application can be considered naming a contractor and should be replaced with the generic name for the type of equipment (e.g., front-end loader, baler, etc.) unless you can document cost comparisons for determining the price of the equipment.

**Note** – Successful applicants that do not name procurement contractors or subrecipients in their applications must also comply with the requirements described below, regardless of if the contractor was procured before or after the EPA cooperative agreement is awarded. For example, firms or individual consultants that develop or draft specifications, requirements, statements of work, or invitations for bids or requests for proposals must be excluded from competing for such procurements as provided in [2 CFR Part 200.319\(b\)](#).

- **Contractors.** Applicants that identify a procurement contractor(s) in their application where the amount of the contract will be more than the micro-purchase threshold in [2 CFR Part 200.320\(a\)\(1\)](#) (\$10,000 for most applicants) must demonstrate, in their application, how the contractor (including consultants) was selected in compliance with the fair and open competition requirements in 2 CFR Part 200 and 2 CFR Part 1500. The EPA provides guidance on complying with the competition requirements in the [Best Practice Guide for Procuring Services, Supplies, and Equipment Under EPA Assistance Agreements](#). For example, the EPA will not accept sole source justifications for proposed procurement contracts for services such as environmental consulting and engineering that are available in the commercial marketplace.

Applicants must describe the procurement procedures that were followed to hire the contractor(s) that is named in this application and include information in where and when the Request for Proposals/Request for Qualifications was posted. Alternatively, state “n/a” or “not applicable” if a contractor is not named in this application.

- **Subrecipients.** All applicants must demonstrate that the named subrecipient is eligible for a subaward in compliance with [Appendix A of EPA’s Subaward Policy](#). This policy provides, among other things, that transactions between recipients and for-profit firms and individual consultants are procurement contracts rather than subawards when the transaction involves the acquisition of services from the firm or individual.

Refer to the EPA’s Contracts and Subawards Solicitation Clause for additional guidance on these requirements which must be met for all contractors (except for micro-purchases) and/or subrecipients specifically named in the application. Describe how the named subrecipient is eligible for subaward (e.g., is a nonprofit organization). Alternatively, state “n/a” or “not applicable” if a subrecipient is not named.

**Failure to demonstrate compliance with these requirements in the application will result in rejection of the application under Threshold Criterion 3.** EPA staff may contact the applicant to clarify issues or obtain additional information before making a final determination of compliance and rejection of the application.

## **E. Ineligible Costs or Activities and Other Considerations**

### **Prohibition on Use of Funds**

EPA funds can neither be used to design nor administer the collection of identical information from 10 or more parties (for example, through surveys or focus groups), and EPA personnel may not participate in such activities. Reasonable costs for analyzing and publishing the independently collected information are allowable to the extent authorized in the EPA approved budget for this agreement.

The following activities are not eligible for funding under this solicitation: constructing, improving or operating landfills; incineration; burn units; waste-to-energy (except anaerobic digestion); chemical and thermal recycling; biofuels; and environmental cleanup. Food preprocessing is only eligible when paired with recycling activities.

All costs must meet the requirements for allowability in 2 CFR Part 200, Subpart E and applicable provisions of 2 CFR Part 1500.

As provided in 33 U.S.C. 4282(f), SWIFR cooperative agreement funding “. . . may not be used (directly or indirectly) as a source of payment (in whole or in part) of, or security for, an obligation the interest on which is excluded from gross income under section 103 of Title 26” of the United States Code. This provision relates to State and local government bonds.

Please note that if the activities listed in this section are included in the submitted application, EPA reserves the right to either not fund that portion of the project, or, depending on how much of the project involves ineligible activities, decline to fund the project under Threshold Criterion 1, above.



## **SECTION IV. APPLICATION AND SUBMISSION INFORMATION**

**Note: Additional provisions that apply to this section can be found in the [EPA Solicitation Clauses](#).**

### **A. Requirements to Submit through Grants.gov and Limited Exception Procedures**

Applicants must apply electronically through [Grants.gov](#) under this funding opportunity based on the [Grants.gov](#) instructions in this announcement. If your organization has no access to the internet or access is very limited, you may request an exception for the remainder of this calendar year by following the procedures outlined [here](#). Please note that your request must be received at least 15 calendar days before the application due date to allow enough time to negotiate alternative submission methods. Issues with submissions with respect to this opportunity only are addressed in *Section IV.C: Technical Issues with Submission* below.

### **B. Submission Instructions**

#### **1. SAM.gov (System for Award Management) Registration Instructions**

Organizations applying to this funding opportunity must have an active [SAM.gov](#) registration. If you have never done business with the Federal Government, you will need to register your organization in [SAM.gov](#). If you do not have a [SAM.gov](#) account, then you will create an account using [login.gov](#) to complete your [SAM.gov](#) registration. [SAM.gov](#) registration is FREE. The process for entity registrations includes obtaining Unique Entity ID (UEI), a 12-character alphanumeric ID assigned an entity by [SAM.gov](#), and requires assertions, representations and certifications, and other information about your organization. Please review the [Entity Registration Checklist](#) for details on this process.

If you have done business with the Federal Government previously, you can check your entity status using your government issued UEI to determine if your registration is active. [SAM.gov](#) requires you renew your registration every 365 days to keep it active.

Please note that [SAM.gov](#) registration is different than obtaining a UEI only. Obtaining an UEI only validates your organization's legal business name and address. Please review the [Frequently Asked Question](#) on the difference for additional details.

Organizations should ensure that their [SAM.gov](#) registration includes a current e-Business (Ebiz) point of contact name and email address. The Ebiz point of contact is critical for [Grants.gov](#) Registration and system functionality.

Contact the [Federal Service Desk](#) for help with your [SAM.gov](#) account, to resolve technical issues or chat with a help desk agent: (866) 606-8220. The Federal Service desk hours of operation are Monday – Friday 8am – 8pm ET.

#### **2. Grants.gov Registration Instructions**

Once your [SAM.gov](#) account is active, you must register in [Grants.gov](#). [Grants.gov](#) will electronically receive your organization information, such as e-Business (Ebiz) point of contact email address and UEI. Organizations applying to this funding opportunity must have an active [Grants.gov](#) registration. [Grants.gov](#) registration is FREE. If you have never applied for a federal grant before, please review the [Grants.gov Applicant Registration](#) instructions. As part of the [Grants.gov](#) registration process, the Ebiz point of contact is the only person that can affiliate and assign applicant roles to members of an organization. In addition, at least one person must be assigned as an Authorized Organization Representative (AOR). Only person(s) with the AOR role can submit applications in [Grants.gov](#). Please review the [Intro to Grants.gov-Understanding User Roles](#) and [Learning Workspace – User Roles and Workspace Actions](#) for details on this important process.

Please note that this process can take a month or more for new registrants. 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 application submission deadline.

Contact [Grants.gov](#) for assistance at 1-800-518-4726 or [support@grants.gov](mailto:support@grants.gov) to resolve technical issues with [Grants.gov](#). 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 [Grants.gov](#) representative by calling 606-545-5035. The [Grants.gov](#) Support Center is available 24 hours a day, 7 days a week, excluding federal holidays.

### **3. Application Submission Process**

To begin the application process under this grant announcement, go to [Grants.gov](#) and click the red “Apply” button at the top of the view grant opportunity page associated with this opportunity.

The electronic submission of your application to this funding opportunity must be made by an official representative of your organization who is registered with [Grants.gov](#) and is authorized to sign applications for Federal financial assistance. If the submit button is grayed out, it may be because you do not have the appropriate role to submit in your organization. Contact your organization’s Ebiz point of contact or contact [Grants.gov](#) for assistance at 1-800-518-4726 or [support@grants.gov](mailto:support@grants.gov)

Applicants need to ensure that the AOR who submits the application through [Grants.gov](#) and whose UEI is listed on the application is an AOR for the applicant listed on the application. Additionally, the UEI listed on the application must be registered to the applicant organization’s [SAM.gov](#) account. If not, the application may be deemed ineligible.

### **4. Application Submission Deadline**

Your organization’s AOR must submit your complete application package electronically to the EPA through [Grants.gov](#) no later than **December 20, 2024 at 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.

Applications submitted through [Grants.gov](#) will be time and date stamped electronically. Please

note that successful submission of your application through [Grants.gov](https://www.grants.gov) does not necessarily mean your application is eligible for award. Any application submitted after the application deadline time and date deadline will be deemed ineligible and not be considered.

## 5. Releasing Copies of Applications

In concert with the EPA's commitment to conducting business in an open and transparent manner, copies of applications submitted under this solicitation may be made publicly available on the [EPA's Bipartisan Infrastructure Law: Transforming U.S. Recycling and Waste Management](#) webpage or other public website for a period of time after the selected applications are announced. The EPA recommends that applications not include trade secrets or commercial or financial information that is confidential or privileged, or sensitive information, if disclosed, that would invade another individual's personal privacy (e.g., an individual's salary, personal email addresses, etc.). However, if such information is included, it will be treated in accordance with 40 CFR Part 2.203 (Review *Section IV.H: Confidential Business Information* for more information.).

**Clearly indicate which portion(s) of the application you are claiming as confidential, privileged, or sensitive information, or state 'n/a' or 'not applicable' if the application does not have confidential, privileged, or sensitive information. As provided at 40 CFR Part 2.203(b) if no claim of confidential treatment accompanies the information when it is received by the EPA, it may be made available to the public by the EPA without further notice to the submitter.**

### C. Technical Issues with Submission

If applicants experience technical issues during the submission of an application that they are unable to resolve, follow these procedures **before** the application deadline date:

- 1) Contact [Grants.gov](https://www.grants.gov) Support Center **before** the application deadline date.
- 2) Document the [Grants.gov](https://www.grants.gov) ticket/case number.
- 3) Send an email with "EPA-I-OLEM-ORCR-24-05" in the subject line to [SWIFR@epa.gov](mailto:SWIFR@epa.gov) **before** the application deadline time and date and **must** include the following:
  - a) [Grants.gov](https://www.grants.gov) ticket/case number(s)
  - b) Description of the issue
  - c) The entire application package.

Without this information, the EPA may not be able to consider applications submitted outside of [Grants.gov](https://www.grants.gov). Any application submitted after the application deadline time and date deadline will be deemed ineligible and **not** be considered.

Please note that successful submission through [Grants.gov](https://www.grants.gov) or email does not necessarily mean your application is eligible for award.

The EPA will make decisions concerning acceptance of each application submitted outside of [Grants.gov](https://www.grants.gov) on a case-by-case basis. The EPA will only consider accepting applications that were unable

to submit through [Grants.gov](https://www.grants.gov) due to [Grants.gov](https://www.grants.gov) or relevant [SAM.gov](https://www.sam.gov) system issues or for unforeseen exigent circumstances, such as extreme weather interfering with internet access. Failure of an applicant to submit prior to the application submission deadline date because they did not properly or timely register in [SAM.gov](https://www.sam.gov) or [Grants.gov](https://www.grants.gov) is not an acceptable reason to justify acceptance of an application outside of [Grants.gov](https://www.grants.gov).

Training opportunities related to grants management can be found on the [EPA's Grant Recipient Training Opportunities](#) webpage.

## D. Application Materials

**The following forms and documents are required under this announcement:**

### Mandatory Documents:

1. Application for Federal Assistance (SF-424);
2. Budget Information for Non-Construction Programs (SF-424A)<sup>15</sup>;
3. EPA Key Contacts Form 5700-54;
4. EPA Form 4700-4 Preaward Compliance Review Report; and
5. Project Narrative Attachment Form: Use this to submit your Project Narrative, prepared as described in *Section IV.E: Content of Application Submission*.
  - EPA has provided optional resources for the “Summary Information Cover Letter,” the “Narrative Proposal,” and the “Budget Table and Description” on [EPA's Solid Waste Infrastructure for Recycling Grants for Communities](#) webpage. Use of the resources is optional.

### Optional Documents:

1. Other Attachments, if applicable. Accepted attachments include:
  - i. documentation demonstrating that competitive procurement was followed if specific names of contractors or equipment is mentioned in the application;
  - ii. documentation demonstrating that the applicant is considered a political subdivision of a state; and/or,

Please do not submit the following documents, as they will not be considered as part of the application review process: references/works cited, letters of support, staff CV/resumes, solid waste master plans, engineering reports, or feasibility studies. Submitting these materials can slow down the review process and potentially delay awards.

## E. Content of Application Submission

In accordance with the mandatory documents listed in *Section IV.D: Application Materials*, all applications must contain the “Project Narrative Attachment Form” which is composed of the “Summary Information Cover Letter,” the “Narrative Proposal,” and the “Budget Table and Description.”

The “Summary Information Cover Letter,” a maximum of 1 page in length, summarizes the overall project.

---

<sup>15</sup> Please note that the SF-424A form is distinct from the budget table and narrative. **Both** are required as part of the grant application.

The “Narrative Proposal,” a maximum of 10 pages in length, must **explicitly** describe the applicant’s proposed project and specifically address each of the evaluation criteria disclosed in *Section V.A: Evaluation Criteria* and the threshold eligibility criteria in *Section III.C: Threshold Eligibility Criteria*.

The “Budget Table and Description” is described in more detail in *Section IV.E.b.vi: Budget and Expenditure of Awarded Grant Funds* below. It provides a response to Criterion 5: Budget and Expenditure of Awarded Grant Funds. **The “Budget Table and Description” can be a budget spreadsheet (see optional spreadsheet resource on [EPA’s Solid Waste Infrastructure for Recycling Grants for Communities webpage](#)) or 4 typed pages. EPA will not review any additional budget documents beyond those described here, including pages of the budget narrative in excess of 4 pages. If a spreadsheet file is included for the “Budget Table and Description,” it does not have a page limit.**

**Each portion of the "Project Narrative Attachment Form" (including the 1-page “Summary Information Cover Letter,” the 10-page “Narrative Proposal,” and up to 4 pages for the “Budget Table and Description”) will only be reviewed for the contents within the page limits detailed above. Any pages in excess of the page limits will not be reviewed.**

Optional documents noted under *Section IV.D: Application Materials* above are not included in the page limits.

**Project Narrative Attachment.** Project narratives should be concise and well organized. The following requirements apply.

- Must not exceed the above-mentioned page limits on the “Summary Information Cover Letter,” the “Narrative Proposal,” and the “Budget Table and Description.”
- The submitted Project Narrative Attachment Form should combine the 1 page maximum Summary Information Cover Letter, the 10 pages maximum Narrative Proposal, and the 4 pages maximum Budget Table and Description into a **single document, maximum 15 pages** (or 11 pages if using a spreadsheet instead of a 4-page typed document for the Budget Table and Description) for submission. The spreadsheet may be a separate document that does not have a page limit.
- Must provide the information detailed in this section and **include responses to all *Section III.C: Threshold Eligibility Criteria; Section V.A: Evaluation Criteria; as well as the information identified in Section I: Funding Opportunity Description.*** Factual information about your proposed project must be provided. Do not include discussions of broad principles that are not specific to the proposed work or project covered by your application. Responses to evaluation criteria should include the criteria number and title but need not restate the entire text of the criteria. Sufficient detail must be provided to allow for an evaluation of the merits of the proposal. **Vague descriptions, redundancy, and failure to address each of the evaluation criteria will result in a lower ranking.**

**Note: Applicants may, but are not required to, use the Optional Project Narrative Attachment Resource that is provided on [EPA’s Solid Waste Infrastructure for Recycling Grants for Communities](#) webpage. Applicants that do not use the resource will not be penalized.**

- a. **The Summary Information Cover Letter (maximum of one page) must include:**

- i. **Project Title.**
  - ii. **Applicant Name.** Identify the name of the organization submitting the application.
  - iii. **Eligible Entity Type.** Identify your organization's organization type from *Section III.A: Eligible Applicants*.
  - iv. **Qualification for Program Track.** Applicants must indicate if their application qualifies for Track 1 or Track 2 as defined under *Section I.E: Program Tracks* and include information demonstrating that the application qualifies.
  - v. **Unique Entity Identification Number (UEI).** List the organization's UEI, which is the official identifier for doing business with the U.S. Government.
  - vi. **Project Summary.** Briefly describe the project in two to four sentences.
  - vii. **Contact Information.** Include name, title, address, email address, phone number. You can list both a primary and an administrative contact.
  - viii. **Project Location.** Include the location where the project will be taking place. If project will occur in more than one location, indicate the city and state associated with the primary location.
  - ix. **EPA Funding Requested.** Specify the amount you are requesting from the EPA.
  - x. **Project Period.** Provide estimated beginning and ending dates.
  - xi. **Program Objective Elements.** State the mandatory program objective elements addressed from *Section I.F: Scope of Work*.
  - xii. **Award of Grant from Previous Rounds of Funding.** Recipients of EPA SWIFR grants in previous rounds of funding are not eligible for funding under this solicitation. Applicants must attest that they do not have an open EPA SWIFR grant.
  - xiii. **Cooperative Partners.** Provide names and phone numbers of individuals and organizations that have agreed to participate in the implementation of the project, if any. Note that any transactions with partners financed with EPA funding must comply with applicable regulatory requirements.
- b. **The Narrative Proposal (maximum of ten pages).** Provide the information below on how the applicant will implement and conduct its project by addressing each of the evaluation criteria in *Section V: Application Review Information* of this announcement. The Narrative Proposal must include:
- i. **Project Summary and Approach.** The summary shall contain the following components:
    - a. **Detailed project summary, description of specific actions and methods to be undertaken, including estimated timeline for each task.**

- Provide a well-conceived strategy for addressing the requirements and plan for achieving project results in *Section I.F: Scope of Work*.
- Clearly identify the goals and objectives of the project and includes an effective, easily understood plan with well-reasoned steps and milestones to meet the stated objectives.
- Provide 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. Provide a schedule indicating start times and completion dates of significant tasks and responsibilities under your program. For efficiency, it is suggested that project milestones be coordinated with important events (e.g., budget cycle, meetings). Reference the example Milestones on [EPA's Solid Waste Infrastructure for Recycling Grants for Communities](#) webpage for an example you may wish to use.
- Clearly describe each task and/or activity for the project.

**ii. Impactful Approaches and Solutions.** Applications will be evaluated based on the extent and quality to which they:

- a. Qualitatively describe how the proposed project will provide a meaningful impact to support the development of infrastructure for post-consumer materials management and/or to showcase environmental, economic, social, and other benefits provided to the serviced community/communities.
- b. Quantify the anticipated magnitude of both near-term and long-term impacts to waste management resulting from the proposed project, the relative cost-effectiveness of those impacts, and the reasonableness and quality of the assumptions and calculations used to determine the impacts and cost-effectiveness of those impacts. Applicants should provide quantitative forecasts of the change in estimated tons of MSW/C&D collected, recycled, composted, or managed via other management pathways in the community in which the project serves and the associated GHG emission reductions in terms of MTCO<sub>2</sub>.

To quantify GHG emission reductions, applicants should use the [EPA's Waste Reduction Model \(WARM\)](#) to compare a baseline scenario, consisting of existing waste management operations, to proposed improvements resulting from grant funding.

Applications should only quantify emission reductions that will occur as a result of SWIFR for Political Subdivisions grant funding. If SWIFR for Political Subdivisions funding represents a fraction of the total funding for a waste management measure, the total estimated GHG emission reductions should be scaled by the same fraction in order to quantify GHG emission reductions associated with SWIFR Communities funding. In other words:

Quantified GHG reductions from SWIFR for Political Subdivisions funding = [(Requested SWIFR for Political Subdivisions funding)/(Total funding to implement measure)] x (Total estimated GHG reductions of measure).

Quantified reductions in GHG emissions should not include those that would already occur because of federal, state, tribal, territorial, local and/or other regulatory requirements or other funding sources.

**iii. Environmental Justice.** Applications will be evaluated based on the extent to which they demonstrate how the project will address the disproportionate and adverse (see below) human health, environmental, climate-related and other cumulative impacts, as well as the accompanying economic challenges of such impacts, resulting from industrial, governmental, commercial and/or other actions that have affected and/or currently affect the communities the project would benefit. As part of this evaluation, applications will be evaluated based the quality of the response and the extent to which it describes:

- a. How the project benefits communities including those that have experienced a lack of resources or other impediments to addressing the impacts identified above that affect their community; and
- b. How the project addresses engagement with local residents in these communities who will be affected by the project, to ensure their meaningful participation with respect to the design, project planning, and performance of the project.

Disproportionate and adverse environmental, human health, climate-related and other cumulative impacts, as well the accompanying economic challenges of such impacts, may result when greater pollution burdens and/or consequences, and the impact of them, are more likely to affect or have affected the communities described in this solicitation. The impacts may result from various factors including but not limited to being a function of historical trends and policy decisions.

Factors that may indicate disproportionate and adverse impacts as referenced above include: differential proximity and exposure to adverse environmental hazards; greater susceptibility to adverse effects from environmental hazards (due to causes such as age, chronic medical conditions, lack of health care access, or limited access to quality nutrition); unique environmental exposures because of practices linked to cultural background or socioeconomic status (for example, subsistence fishing or farming); cumulative effects from multiple stressors; reduced ability to effectively participate in decision-making processes (due to causes such as lack of or ineffective language access programs, lack of programs to make processes accessible to persons with disabilities, inability to access traditional communication channels, or limited capacity to access technical and legal resources); and degraded physical infrastructure, such as poor housing, poorly maintained public buildings (e.g., schools), or lack of access to transportation.

The application must include relevant information such as demographics, geographic location, and community history. The EPA encourages the use of the EPA's [EJSCREEN tool](#), the [Climate and Economic Justice Screening Tool](#) (or other EJ-based mapping tool) to help you characterize and describe your target community. Data from other sources (e.g., studies, census, and third-party reports) can also be included to give a more complete picture of the impacted communities and populations. Instructions and



resources on how to use EJSCREEN are included at the hyperlink above. For any questions you have about EJSCREEN, please use this [webform](#) to contact the EPA.

Please note that qualification as a Track 1 application is not sufficient to receive full points in this section. Instead, the strength of the response in the application will determine the application's score for this evaluation criterion.

- iv. Measuring Environmental Results: Anticipated Outputs and Outcomes.** Provide a well-conceived strategy for addressing the requirements and plan for achieving project results in *Section I.J: Measuring and Reporting Environmental Results: Outputs and Outcomes*.
- a. **Anticipated Outcomes.** Specify the expected environmental outcomes including those described in *Section I.J: Measuring and Reporting Environmental Results: Outputs and Outcomes* of this announcement. Discuss how you propose to track and measure your progress towards achieving the project outcomes and results. Include quantitative targets for outcomes when applicable (*Refer to Section V.A: Evaluation Criteria*). **All** outcomes listed in *Section I.J: Measuring and Reporting Environmental Results: Outputs and Outcomes* must be discussed to receive full points.
  - b. **Anticipated Outputs.** Identify the expected project outputs, including those described in *Section I.J: Measuring and Reporting Environmental Results: Outputs and Outcomes* of this announcement and describe how you will track and measure your progress towards achieving the expected project outputs. Outputs, quantitative or qualitative, must be measurable during the project performance period. Include quantitative targets for outputs when applicable. **All** outputs listed in *Section I.J: Measuring and Reporting Environmental Results: Outputs and Outcomes* must be discussed to receive full points.
- v. Programmatic Capability and Past Performance.** Submit a list of federally and/or non-federally funded assistance agreements (assistance agreements include Federal grants and cooperative agreements but not Federal contracts) that your organization performed within the last three years (no more than 5 agreements, and preferably EPA agreements) and describe:
- a. past performance in successfully completing and managing the assistance agreements identified in response to *Section IV: Application and Submission Information* of the solicitation;
  - b. history of meeting the reporting requirements under the assistance agreements identified in response to *Section IV: Application and Submission Information* of the solicitation 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; and

- c. staff expertise/qualifications (including organizational experience), staff knowledge, and resources or the ability to obtain them, to successfully achieve the goals of the proposed project.

In evaluating applicants under these factors in *Section V: Application Review Information*, the 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 past reporting information, please indicate this in the application 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.

- vi. **Budget and Expenditure of Awarded Grant Funds.** Describe your organization’s procedures, and controls for ensuring that awarded grant funds will be expended in a timely and efficient manner.

**Budget Table and Description.** Include a detailed budget narrative which clearly explains how funds will be used. **The budget table and description should not exceed 4 pages. Please note, the budget table and description is different than the SF-424A form. Both are required to be completed as part of this NOFO.** The successful applicant’s budget description should identify (1) specific tasks for which EPA funding will be used, (2) the costs associated with each task, and (3) what outputs will be produced as a result of each task. Refer to *Section I.J: Measuring and Reporting Environmental Results: Outputs and Outcomes* for a definition of outputs and outcomes. EPA has provided an optional resource for the budget table and description on [EPA’s Solid Waste Infrastructure for Recycling Grants for Communities](#) webpage.

**Cost sharing/matching funds are not required under this competition. Do not include cost-sharing or matching funds anywhere in the application. Cost-sharing and matching funds will not be evaluated under this competition.** If non-Federal funds are included on the SF-424, SF-424A, and/or Budget Table and Description, it may impact the eligibility of the application. Please refer to *Section III.B: Cost Sharing* for more detailed information.

Applicants should be aware that if their proposals include using Federal funds for a project that includes the purchase of goods, products, and materials on any form of construction, alteration, maintenance, or repair of infrastructure in the United States for identified EPA financial assistance funding programs, they must comply with the Build America, Buy America [Term and Condition](#) if they are selected for award. Please refer to *Section VI.F: Build America, Buy America Requirements* of this NOFO for additional information and consider this information when preparing your budget.

Applicants must **itemize** costs related to personnel, fringe benefits, travel, equipment, supplies, contractual costs, other direct costs, indirect costs, and total costs.

Applicants should use the following instructions, budget object class descriptions, and example table to complete the Budget Detail section of the work plan. Applicants should

refer to the EPA's [Interim General Budget Development Guidance for Applicants and Recipients of EPA Financial Assistance](#) for additional information relating to cost categories.

- **Personnel - List all staff positions by title. Give annual salary, percentage of time assigned to the project, and total cost for the budget period.** This category includes only direct costs for the salaries of those individuals who will perform work directly for the project (paid employees of the applicant organization as reflected in payroll tax records). If the applicant organization is including staff time (in-kind services), this should be included as Personnel costs. Personnel costs do not include: (1) costs for services of contractors (including individual consultants), which are included in the "Contractual" category; (2) costs for employees of subrecipients under subawards, or non-employee program participants (e.g., interns or volunteers) which are included in the "Other" category; or (3) effort that is not directly in support of the proposed project, which may be covered by the organization's negotiated indirect cost rate. The budget detail must identify the personnel category type by Full Time Equivalent (FTE), including percentage of FTE for part-time employees, number of personnel proposed for each category, and the estimated funding amounts.

If budget information is not provided on requested personnel costs, applications should include in their narrative how they expect to manage the administrative components of the grant.

- **Fringe Benefits - Identify the percentage used, the basis for its computation, and the types of benefits included.** Fringe benefits are allowances and services provided by employers to their employees as compensation in addition to regular salaries and wages. Fringe benefits may include, but are not limited to the cost of leave, employee insurance, pensions, and unemployment benefit plans. If the applicant's fringe rate does not include the cost of leave, and the applicant intends to charge leave to the agreement, it must provide supplemental information describing its proposed method(s) for determining and equitably distributing these costs.
- **Travel - Specify the mileage, per diem, estimated number of trips in-State and out-of-State, number of travelers, and other costs for each type of travel.** Travel may be integral to the purpose of the proposed project (e.g., inspections) or related to proposed project activities (e.g., attendance at meetings). Only include travel costs for employees in the travel category. Travel costs do not include: (1) costs for travel of contractors (including individual consultants), which are included in the "Contractual" category; (2) travel costs for employees of subrecipients under subawards, and non-employee program participants (e.g., trainees) which are included in the "Other" category. Further, travel does not include bus rentals for group trips, which would be covered under the contractual category. Finally, if the applicant intends to use any funds for travel outside the United States, it must be specifically identified. All proposed foreign travel must be approved by the EPA's Office of International and Tribal Affairs prior to being taken.
- **Equipment - Identify each item to be purchased and owned by the applicant which has an estimated acquisition cost of \$10,000 or more per unit and a useful life of more than one year.** Equipment also includes accessories necessary to make the equipment

operational. Note: If your organization has written procurement procedures that define a threshold for equipment costs that is lower than \$10,000, then that threshold takes precedence. Refer to the [EPA’s Best Practice Guide for Procuring Services, Supplies, and Equipment Under EPA Assistance Agreements](#) for the EPA’s policies on competitive procurements and the Build America, Buy America provisions outlined in *Section VI.F Build America, Buy America Requirements*. When evaluating the budget criterion, the EPA will take into consideration costs necessary to successfully manage the project. This includes ensuring that your budget includes costs for the management of funds, reporting on all required outcomes/outputs, etc., in addition to the cost of equipment. Please include an explanation of this matter in the Budget Table and Description.

- **Supplies - “Supplies” means all tangible personal property other than “equipment.”** The budget detail should identify categories of supplies to be procured (e.g., laboratory supplies or office supplies). Non-tangible goods and services associated with supplies, such as, occasional photocopy services, and rental costs should be included in the “Other” category.
- **Contractual - Identify each type of proposed contract and specify its purpose and estimated cost.** Contractual services (including consulting services) are those services to be carried out by an individual or organization, other than the applicant, in the form of a procurement relationship. The [EPA’s Subaward Policy for EPA Assistance Agreements](#) and the [EPA Subaward Frequent Questions](#) has detailed guidance for differentiating between contractors and subrecipients. Leased or rented goods (equipment or supplies) should be included in the “Other” category.

The EPA advises against identifying specific contractors. The applicant should list the proposed contract activities along with a brief description of the anticipated scope of work or services to be provided, proposed duration, and proposed procurement method (competitive or non-competitive), if known. Any proposed non-competed/sole-source contracts in excess of \$10,000 must include a justification. Note that it is unlikely that the EPA will accept proposed sole source contracts for goods and services (e.g., consulting) that are widely available in the commercial market. Refer to the [EPA’s Best Practice Guide for Procuring Services, Supplies, and Equipment Under EPA Assistance Agreements](#) for the EPA’s policies on competitive procurements and encouraging the use of small and disadvantaged business enterprises.

- **Eligible Construction Costs.** Construction excludes the cost of land acquisition and off-site improvements unless authorized by statute. (e.g., the definition of “construction” in section 1004(2) of the Solid Waste Disposal Act includes acquisition of interests in lands).

Construction costs may include site preparation, demolishing and building facilities, making permanent improvements to facilities or other real property, major renovations of existing facilities, remediation of contamination and related architectural or engineering services. With very few exceptions, recipients carry out construction projects by hiring contractors which typically include a general

contractor and an architectural or engineering firm for design work and in some cases purchasing equipment for installation at the site.

The recipient should provide a list of planned construction contracts along with a brief description of the scope of work or services to be provided, planned duration, and planned procurement method (competitive or non-competitive), if known. Recipients should consult the guidance on contracting in *Section VI: Award Administration Information* for additional information on competition requirements. The cost plus percentage of construction cost method of contracting is prohibited by [2 CFR Part 200.324\(d\)](#).

**Categorizing Construction Costs.** Construction costs are to be categorized on the SF 424A budget table as follows:

- Anticipated costs for hiring general contractors and other contractors performing activities described in the [Disadvantaged Business Enterprises \(DBE\) Rule's](#) definition of *Construction* will be categorized as "Construction."
- Anticipated costs for pre-construction architectural and engineering *Services* as defined in the DBE rule for design and specifications documents will be categorized as "Contractual."
- Anticipated costs for separately purchased *Equipment* as defined in the DBE Rule that will be installed in a facility or used to remediate contamination will be categorized as "Equipment."
- Anticipated costs for land acquisition or relocation assistance paid to individuals or businesses will be categorized as "Other."
- Force Account – If recipient personnel or equipment are to be used to perform eligible construction project work (e.g., engineering, inspection, waste removal) under force account, approval must be obtained from an Authorized EPA Official either at time of award or in response to a post-award written request. Force account work must be more economical than contracting the work out or necessitated by emergency. Recipients must demonstrate that recipient personnel have the necessary competence to do the work. Force account costs for personnel are budgeted in the "Personnel" and "Fringe Benefit categories. Costs for equipment purchased for the project are budgeted in the "Equipment" category. Usage charges for equipment in recipients' existing inventory is categorized as "Other." All force account costs must be supported by adequate financial records as required by 2 CFR Part 200.302, 2 CFR Part 200.430 and 2 CFR Part 200.431. Note that recipients must maintain records demonstrating that equipment usage charges are reasonable based on lease rates for similar equipment in the relevant market.

- **Other - List each item in sufficient detail for the EPA to determine the reasonableness and allowability of its cost.** This category should include only those types of direct costs that do not fit in any of the other budget categories. Examples of costs that may be in this category are: insurance; rental/lease of equipment or supplies; occasional photocopying; participant support costs such as non-employee training stipends and travel; subsidies or rebates for purchases of pollution control equipment; and subaward costs. Applicants should describe the items included in the “Other” category and include the estimated amount of participant support costs (e.g., stipends to encourage participation in community meetings) in a separate line item. Please refer to [EPA Guidance on Participant Support Costs](#) for additional information.

Subawards (e.g., subgrants) are a distinct type of cost under this category. The term *Subaward* is defined in 2 CFR Part 200.1. Subcontracts are not subawards and belong in the contractual category. Applicants must provide the aggregate amount they propose to issue as subaward work as a separate line item in the “Other” category and a description of the types of activities to be supported. Refer to the [EPA’s Subaward Policy for EPA Assistance Agreements](#) and [EPA Subaward Frequent Questions](#) for additional guidance.

Successful applicants that plan to issue subawards are characterized as pass-through entities. Pass-through entities will be accountable to EPA for proper expenditure of grant funds and providing programmatic reporting. Also, subawardees (aka subrecipients) will be accountable to their pass-through entity for proper use of EPA funding as required under [2 CFR Part 200.332](#).

**Indirect Charges** - Please refer to the Indirect Costs clause in the [EPA Solicitation Clauses](#).

**Management Fees:** When formulating budgets for applications, applicants must not include management fees or similar charges in excess of the direct costs and indirect costs at the rate approved by the applicant’s cognizant audit agency, or at the rate provided for by the terms of the agreement negotiated with the EPA. The term "management fees or similar charges" refers to expenses added to the direct costs in order to accumulate and reserve funds for ongoing business expenses, unforeseen liabilities, or for other similar costs that are not allowable under EPA assistance agreements. Management fees or similar charges may not be used to improve or expand the project funded under this agreement, except to the extent authorized as a direct cost of carrying out the scope of work.

**Fundraising:** EPA financial assistance under this NOFO cannot be used for fundraising without prior approval. Therefore, any costs associated with fundraising may not be included in the budget for your application or charged to the resultant cooperative agreement.

Applicants should clearly identify any anticipated **program income** in their proposal.

**Other Attachments (Optional). Applicants may include these items. They are not part of the 15-page limit for the Project Narrative Attachment Form.**

1. documentation demonstrating that competitive procurement was followed if specific names of contractors or equipment is mentioned in the application,
2. documentation demonstrating that the applicant is considered a political subdivision of a state, if required from *Section III.A. Eligible Applicants*; and/or,

Please do not submit the following documents, as they will not be considered: list of references/works cited, letters of support, staff CV/resumes, solid waste master plans, engineering reports, or feasibility studies. **Letters of support will not be considered in scoring the application.** Submitting additional application materials that are not pertinent to the application can slow down the review process and potentially delay awards.

**F. Technical Assistance**

Technical assistance will be available for both pre- and post-award activities from [EPA's Environmental Justice Thriving Communities Technical Assistance Centers](#) (TCTAC) Program. Pre-award technical assistance will include but not be limited to: designing a project, preparing an application, and/or facilitating partnerships. Post-award technical assistance will be available to help grant recipients manage, oversee, perform, and report on the grants. Further details about technical assistance can be found at [EPA's Environmental Justice Thriving Communities Technical Assistance Centers Program](#) web page. Receiving technical assistance does not guarantee that applicants will be selected for funding.

**G. Pre-Application Assistance**

In accordance with the EPA's Assistance Agreement Competition Policy (EPA Order 5700.5A1), EPA staff will not meet with individual applicants to discuss draft applications, provide informal comments on draft applications, or provide advice to applicants on how to respond to ranking criteria. Applicants are responsible for the contents of their applications/applications. However, consistent with the provisions in the announcement, the EPA will respond to questions from individual applicants regarding threshold eligibility criteria, administrative issues related to the submission of the application, and requests for clarification about any of the language or provisions in the announcement. Please note that applicants should raise any questions they may have about the solicitation language to the contact identified in *Section VII: Agency Contacts* as soon as possible so that any questions about the solicitation language may be resolved prior to submitting an application.

In addition, if necessary, the EPA may clarify threshold eligibility issues with applicants prior to making an eligibility determination.

Questions and answers will be posted on the EPA's [Solid Waste Infrastructure for Recycling Grants for Communities](#) webpage.

The Office of Resource Conservation and Recovery posted virtual webinars titled, "**Solid Waste Infrastructure for Recycling Grants**" **Parts One and Two** to assist potential applicants under this competitive funding opportunity. The webinars review the funding opportunity, key sections of the application, and the application process. These webinars, and any additional webinars that will be developed specific to this second round of funding (anticipated to be posted by September 30, 2024),

may be found on the EPA's [Solid Waste Infrastructure for Recycling Grants for Communities](#) webpage and may be used as a reference, as needed.

For additional EPA resources related to the circular economy, sustainable materials management, and new funding opportunities under the IIJA, please visit the [EPA's Bipartisan Infrastructure Law: Transforming U.S. Recycling and Waste Management](#) webpage.

## **H. Confidential Business Information**

The EPA recommends that you do not include confidential business information (CBI) in your application. However, if CBI is included, it will be treated in accordance with [40 CFR Part 2.203](#). Applicants must clearly indicate which portion(s) of their application they are claiming as CBI. The EPA will evaluate such claims in accordance with [40 CFR Part 2](#). If no claim of confidentiality is made, the EPA is not required to make the inquiry to the applicant otherwise required by [40 CFR Part 2.204\(c\)\(2\)](#) prior to disclosure.

## **I. Intergovernmental Review**

Executive Order 12372, Intergovernmental Review of Federal Programs, will be applicable to awards resulting from this announcement if the project involves construction or land use planning. 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.

The EPA implemented the Executive Order in 40 CFR Part 29. EPA will 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 Part 29.7 and 40 CFR Part 29.8 if the SPOC has selected the SWIFR program for review under the SPOC process. Please refer to the [EPA Financial Assistance Programs Subject to Executive Order 12372 and Section 204 of the Demonstration Cities and Metropolitan Development Act and Section 401 of the Intergovernmental Cooperation Act webpage](#) for information on programs SPOCs have selected for Intergovernmental Review.

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 Part 29.7 and 40 CFR Part 29.8.



**SECTION V – APPLICATION REVIEW INFORMATION**

Note: Additional provisions that apply to this section can be found at [EPA Solicitation Clauses](#).

**A. Evaluation Criteria**

Eligible entities whose applications meet the threshold eligibility criteria in *Section III.C.: Threshold Eligibility Criteria* of this announcement will be reviewed according to the evaluation criterion set forth below. Applicants must directly and explicitly address these criteria as described in *Section IV.D: Application Materials*. The information provided must be easily identifiable and clearly described to ensure the content of the application is clearly laid out for reviewers. Each application will be rated under a points system, with a total of 100 points possible. **To assist the EPA reviewers, applicants are strongly encouraged to reference the numbers and titles of the evaluation criteria in their project narratives to help identify where the criteria are being addressed.** Applicants may, but are not required to, use the Optional Project Narrative Attachment Resource that is provided with this posting on [EPA’s Solid Waste Infrastructure for Recycling Grants for Communities](#) webpage. Applicants that do not use the resource will not be penalized.

Evaluation Criteria and Description	Maximum Points per Criterion
<p><b>1. Project Summary and Approach.</b> Under this criterion, the Agency will evaluate the extent to which:</p> <ul style="list-style-type: none"> <li>a. The Project Narrative includes a clearly written description of the overall project <b>(10 points)</b>;</li> <li>b. The project meets the requirements in <i>Section I.F: Scope of Work</i>, <b>(5 points)</b>; and,</li> <li>c. The Project Narrative clearly identifies the goals and objectives of the project and includes an effective, easily understood plan with well-reasoned steps and milestones to meet the stated objectives, with a reasonable time schedule for the execution of those tasks. Include a project timeline and/or Gantt chart as needed <b>(15 points)</b>.</li> </ul>	<p><b>30</b></p>
<p><b>2. Impactful Approaches and Solutions.</b> Applications will be evaluated based on the extent and quality to which they:</p> <ul style="list-style-type: none"> <li>a. Qualitatively describe how the proposed project will provide a meaningful impact to support the development of infrastructure for post-consumer materials management and/or to showcase environmental, economic, social, and other benefits provided to the serviced community/communities <b>(10 points)</b>.</li> </ul>	<p><b>25</b></p>

Evaluation Criteria and Description	Maximum Points per Criterion
<p>b. Quantify the anticipated magnitude of both near-term and long-term impacts to waste management resulting from the proposed project, the relative cost-effectiveness of those impacts, and the reasonableness and quality of the assumptions and calculations used to determine the impacts and cost-effectiveness of those impacts. Applicants should provide quantitative forecasts of the change in estimated tons of MSW/C&amp;D collected, recycled, composted, or managed via other management pathways in the community in which the project serves and the associated GHG emission reductions in terms of MTCO<sub>2</sub> <b>(15 points)</b>.</p> <p>To quantify GHG emission reductions, applicants should use the <a href="#">EPA’s Waste Reduction Model (WARM)</a> to compare a baseline scenario, consisting of existing waste management operations, to proposed improvements resulting from grant funding.</p> <p>Applications should only quantify emission reductions that will occur as a result of EPA’s SWIFR for Political Subdivisions grant funding.</p>	
<p><b>3. Environmental Justice.</b> Applications will be evaluated based on the extent to which they demonstrate how the project will address the disproportionate and adverse (see below) human health, environmental, climate-related and other cumulative impacts, as well as the accompanying economic challenges of such impacts, resulting from industrial, governmental, commercial and/or other actions that have affected and/or currently affect the communities the project would benefit. As part of this evaluation, applications will be evaluated based on the quality of the response and the extent to which it describes:</p> <p>a. How the project benefits communities including those that have experienced a lack of resources or other impediments to addressing the impacts identified above that affect their community <b>(10 points)</b>; and</p> <p>b. How the project addresses engagement with local residents who will be affected by the project, to ensure their meaningful participation with respect to the design, project planning, and performance of the project <b>(5 points)</b>.</p> <p>Disproportionate and adverse environmental, human health, climate-related and other cumulative impacts, as well the accompanying economic challenges of such impacts, may result when greater pollution burdens and/or consequences, and the impact of them, are more likely to affect or have affected the communities described in this solicitation. The impacts may result from various factors including but not limited to being a function of historical trends and policy decisions.</p> <p>Factors that may indicate disproportionate and adverse impacts as referenced above include:</p> <ul style="list-style-type: none"> <li>• differential proximity and exposure to adverse environmental hazards;</li> </ul>	<p><b>15</b></p>

Evaluation Criteria and Description	Maximum Points per Criterion
<ul style="list-style-type: none"> <li>• greater susceptibility to adverse effects from environmental hazards (due to causes such as age, chronic medical conditions, lack of health care access, or limited access to quality nutrition);</li> <li>• unique environmental exposures because of practices linked to cultural background or socioeconomic status (for example, subsistence fishing or farming);</li> <li>• cumulative effects from multiple stressors; reduced ability to effectively participate in decision-making processes (due to causes such as lack of or ineffective language access programs, lack of programs to make processes accessible to persons with disabilities, inability to access traditional communication channels, or limited capacity to access technical and legal resources); and</li> <li>• degraded physical infrastructure, such as poor housing, poorly maintained public buildings (e.g., schools), or lack of access to transportation.</li> </ul>	
<p><b>4. Measuring and Reporting Environmental Results: Outputs and Outcomes.</b> The application will be evaluated on the quality of the response and the extent to which it proposes strategies for measuring and tracking the expected outputs and outcomes as defined in <i>Section I.J: Measuring and Reporting Environmental Results: Outputs and Outcomes</i>. Outputs and outcomes must be quantitative or qualitative and should be directly linked to a measure of environmental improvement.</p> <p><b><u>Please note that all outcomes listed in <i>Section I.J: Measuring and Reporting Environmental Results: Outputs and Outcomes</i> must be discussed to receive full points for this criterion (even if the anticipated result is “0” or “Not Applicable”).</u></b></p>	<p><b>10</b></p>
<p><b>5. Programmatic Capability and Past Performance.</b> Under this criterion, applications will be evaluated based on their ability to successfully complete and manage the proposed project considering their:</p> <ol style="list-style-type: none"> <li>a. past performance in successfully completing and managing the assistance agreements identified in response to <i>Section IV.E.b.v: Application and Submission Information</i> of the solicitation (<b>2 points</b>);</li> <li>b. history of meeting the reporting requirements under the assistance agreements identified in response to <i>Section IV.E.b.v: Application and Submission Information</i> of the solicitation 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 (<b>2 points</b>); and,</li> </ol>	<p><b>10</b></p>

Evaluation Criteria and Description	Maximum Points per Criterion
<p>c. staff expertise/qualifications (including organizational experience), staff knowledge, and resources or the ability to obtain them, to successfully achieve the goals of the proposed project <b>(6 points)</b>.</p> <p>Please note, in evaluating applications under item a. and b. 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 past reporting information, please indicate this in the application and you will receive a neutral score for these subfactors (items a and b 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>	
<p><b>6. Budget and Expenditure of Awarded Grant Funds.</b> Under this criterion, applications 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. The Agency will evaluate the proposed project budget and narrative to determine the extent and quality to which:</p> <ul style="list-style-type: none"> <li>a. the proposed expenditures are reasonable to accomplish the proposed goals, objectives, and measurable environmental outcomes <b>(3 points)</b>.</li> <li>b. the proposed budget provides a detailed breakout of the approximate funding for each major activity allocated to the proper budget category <b>(4 points)</b>.</li> <li>c. The application conveys the approach, procedures, and controls for ensuring that awarded grant funds will be expended in a timely and efficient manner <b>(3 points)</b>.</li> </ul> <p><b>Please provide the response to this criterion as part of your budget table and description (including an optional budget spreadsheet or up to 4 additional pages). See optional budget table and description spreadsheet resource provided on <a href="#">EPA’s Solid Waste Infrastructure for Recycling Grants for Communities</a> webpage.</b></p>	<p><b>10</b></p>
<p><b>TOTAL</b></p>	<p><b>100</b></p>

**B. Review and Selection Process**

**1. Threshold Eligibility Screening Process** - All applications received by the submission deadline will first be screened by the EPA using the threshold eligibility criteria in *Section III.C: Threshold Eligibility Criteria*. Applications that do not pass the threshold eligibility review will not be evaluated further or considered for funding. 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. Applications meeting the threshold eligibility criteria will be reviewed through a regional review process by review panels comprised of EPA staff and/or external reviewers.

**2. Panel Review and Evaluation Process** - All applications that meet the Threshold Eligibility Criteria after the screening review will undergo technical review based on the criteria in *Section V: Application Review Information*. Separate ranking lists for Track 1 and Track 2 will be developed by each review group. Those ranking lists will also clearly identify projects eligible for track consideration, as described in *Section II.A: What is the amount of available funding?*

**3. Final Selection Process and Other Factors** – Final rankings and selection recommendations from the regional review panels based on the ranking lists will be presented to the Headquarters Selection Official, who will then make the final selections for award based on the ranking lists. The EPA anticipates selecting at least one grant per EPA region, depending on the quantity and quality of the applications received. The EPA expects to select applications in Track 1 to meet the 40 percent Justice40 goal as described in *Section II: Award Information*. In addition to the ranking lists, the Selection Official may also consider any of the following other factors in making final selection decisions among the high-ranking applications from the regional lists:

- a. **Geographic Diversity** – The EPA may consider the mix of high-ranking projects located in urban and rural areas or different regions of the country when making final selections, as well as the geographical nature or impact of the project.
- b. **Programmatic Priorities** – ORCR priorities that may focus on certain SMM, environmental, and/or public health issues. These overarching priorities may be considered when making final selections among high-ranking applications.
- c. **Diversity of Project Types** – The EPA may consider the mix of high-ranking project types when making final selections to ensure that project types vary among those being awarded.
- d. **Diversity of Organization Types** – The EPA may consider the mix of high-ranking projects from various types of organizations when making final selections to ensure that project types vary among those being awarded.
- e. **“Shovel-Ready” Projects** – The EPA may consider projects that can be implemented in six to 12 months when making final selections.
- f. **Availability of funds**

After final selections are made, the EPA will then make the awards. While the EPA expects to make awards of approximately \$58,000,000 in total, including approximately \$23,200,000 placed into a track specifically for awards that benefit eligible disadvantaged communities (refer to *Section I.E: Program Tracks* for more information), these amounts may be increased or decreased subject to the number of quality applications received and other relevant considerations. The EPA reserves the right to reject all applications and make no awards under this announcement.

## **SECTION VI – AWARD ADMINISTRATION INFORMATION**

**Note: Additional provisions that apply to this section can be found at [EPA Solicitation Clauses](#).**

### **A. Award Notification**

The EPA anticipates notification to successful applicants will be made via electronic mail by July 31, 2025. 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 either the EPA's Grants and Interagency Agreement Management Division or the EPA Regional Award Official. Applicants are cautioned that only a grants officer 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 the EPA to make an award to an applicant. The award notice, signed by an EPA grants officer, is the authorizing document and will be provided through electronic or postal mail. The successful applicant may need to prepare and submit additional documents and forms (e.g., work plan), which must be approved by the 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.

### **B. Combining Applications into One Award**

If an applicant submits applications for multiple tasks/activities under this competition, and is selected for multiple tasks/activities, the EPA may award a single assistance agreement that combines separate applications for different tasks/activities.

### **C. Administrative and National Policy Requirements**

1. Applicants selected for award will be required to submit a final cooperative agreement proposal package to the EPA. This package will include an EPA-approved final work plan that describes the work to be performed, a final budget, and the required certification forms. Programmatic terms and conditions will be negotiated with the selected recipient.
2. Approved cooperative agreements will include terms and conditions that will be binding on the grant recipient. Terms and conditions specify what grant recipients must do to ensure that grant-related and program-related requirements are met. Terms and conditions may be viewed at: [Grant Terms and Conditions](#). A listing and description of general EPA Regulations applicable to the award of assistance agreements may be viewed at: [Introduction to Regulations, Policies and Guidance for EPA Grants](#).
3. **Reimbursement Limitation.** If the recipient expends more than the amount of funding in its EPA approved budget in anticipation of receiving additional funds from the EPA, it does so at its own risk. The EPA is not legally obligated to reimburse the recipient for costs incurred in excess of the EPA approved budget.

### **D. Use of Funds**

An applicant that receives an award under this announcement is expected to manage cooperative agreement funds efficiently and effectively and make sufficient progress towards completing the project activities described in the work plan in a timely manner. The cooperative agreement will include terms/conditions implementing this requirement. The Agency expects timely drawdown of funds and a yearly financial report. In addition to quarterly reports, other required financial reports will provide the Agency with information regarding progress being made.

### **E. Program Income**

In accordance with 2 CFR Part 200.307(e)(2) and 2 CFR Part 1500.8(b), the recipient is hereby authorized to retain program income earned during the project period.

The program income shall be added to funds committed to the project by the EPA and used for the purposes and under the conditions of the assistance agreement.

The recipient must provide as part of its quarterly performance report, a description of how program income is being used. Further, a report on the amount of program income earned during the award period must be submitted with the annual Federal Financial Report, Standard Form 425.

### **F. Build America, Buy America Requirements**

Projects under this competition are subject to the Buy America Sourcing requirements under the Build America, Buy America (BABA) provisions of the [Infrastructure Investment and Jobs Act](#) (IIJA) (P.L. 117-58, Sections 70911-70917) when using funds for the purchase of goods, products, and materials on any form of construction, alteration, maintenance, or repair of infrastructure in the United States. The Buy America preference requirement applies to all of the iron and steel, manufactured products, and construction materials used for the infrastructure project under an award for identified the EPA's financial assistance funding programs.

These sourcing requirements require that all iron, steel, manufactured products, and construction materials used in Federally funded infrastructure projects must be produced in the United States. The recipient must implement these requirements in its procurements, and this article must flow down to all subawards and contracts at any tier. For legal definitions and sourcing requirements, the recipient must consult the [EPA's Build America, Buy America](#) website.

Please consider this information when preparing budget information. EPA has and will continue to provide further guidance on which projects are subject to BABA provisions and will work with grant recipients to support implementation as necessary.

When supported by rationale provided in IIJA Section 70914, the recipient may submit a waiver to the EPA. The recipient should request guidance on the submission instructions of an EPA waiver request from the EPA Project Officer. A list of approved EPA waivers is available on the [EPA's Build America, Buy America](#) website.

In addition to BABA requirements, all procurements under grants may be subject to the domestic preference provisions of 2 CFR Part 200.322.

See "Build America, Buy America" clause in the [EPA's Solicitation Clauses](#).

## G. Project Labor Agreements and Prevailing Wage Requirements

The EPA encourages project labor agreements (i.e., pre-hire collective bargaining agreements between unions and contractors that govern terms and conditions of employment for all workers on a construction project); the use of an appropriately trained workforce (i.e., through registered apprenticeships and other joint labor-management training programs that serve all workers, particularly those historically excluded); the use of an appropriately credentialed workforce (i.e., requirements for appropriate and relevant professional training, certification, and licensure); and neutrality with respect to union organizing (i.e., BIL funds should not support or oppose union organizing).

As provided in 33 U.S.C. 4282(e), EPA must ensure that “. . . all laborers and mechanics employed on projects funded directly, or assisted in whole or in part, by a [SWIFR grant] be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with [the Davis Bacon Act].” The Davis Bacon Act applies to contractors and subcontractors performing work on federally-funded or assisted construction contracts in excess of \$2,000. A term and condition specifying Davis Bacon Act compliance requirements will be included in SWIFR cooperative agreements that fund construction.

## H. National Environmental Protection Act (NEPA) Compliance

While EPA, as the funding agency, is responsible for NEPA compliance, recipients will likely need to provide information to support this process. The SWIFR Program has a [Programmatic Environmental Assessment](#) (PEA) in place. Each grant application requires an appropriate level of environmental analysis and documentation when determining coverage under the PEA. The PEA Appendix A includes an [Environmental Evaluation and Checklist](#) to help grant recipients and EPA determine whether the environmental impacts from a project are covered in the PEA or if additional site-specific documentation or analysis is required. EPA will document when projects and their associated impacts are determined to be eligible for coverage under this PEA. In addition, EPA may prepare a [Categorical Exclusion](#), an [Environmental Assessment](#) (EA), or an [Environmental Impact Statement](#) (EIS) as part of the environmental review.

If additional site-specific documentation or analysis is required, cooperative agreement recipients may be required to provide site information such as the potential environmental impact of addressing site contamination, which is typically provided to EPA in an Environmental Information Document (EID).

Cooperative agreement recipients may use federal funds from this cooperative agreement to prepare the EID or the [Environmental Evaluation and Checklist](#) under the PEA. EPA may provide direct technical assistance to recipients for development of the EID, if required.

Depending on the site and proposed workplan, EPA may:

- utilize a categorical exclusion;
- adopt a categorical exclusion from another federal agency;
- issue a Notice of Adoption of other federal agency’s finding;
- issue a Finding of No Significant Impact; or
- issue an Environmental Impact Statement and publish a Record of Decision for the project.



**NEPA requirements must be met before any construction, fixed equipment, or ground disturbance activities can occur, per 40 CFR Part 6. NEPA requirements may take 3-6 months to complete, and applicants should account for this when developing their project timeline.**

Depending on the project, EPA may award grants with incremental funding using a phased approach for projects that involve both construction and non-construction activities.

## **I. 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: Agency Contact* 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.

## **J. Quality Assurance Project Plans (QAPPs)**

In accordance with 2 CFR Part 1500.12, projects that include the generation or use of environmental data are required to submit a QAPP. A QAPP describes how environmental information operations are planned, implemented, documented, and assessed during the life cycle of a project. The QAPP is the document that provides comprehensive details about the quality assurance/quality control requirements and technical activities that must be implemented to ensure that project objectives are met.

Requirements for QAPPs are found in the most recent version of [EPA's Quality Assurance Project Plan Requirements / Standard Quality Assurance Project Plans \(QAPP\)](#).

EPA Project Officers will work with all selected recipients on quality assurance (QA) requirements. Once the award is made, if a QAPP is required for the project, the applicant will develop the document and submit for EPA's approval. Selected applicants cannot begin environmental information operations until EPA approves the QAPP.

Approval of a QMP/QAPP may take up to 100 days and, therefore, applicants should take this into account when developing their project timeline.

## **K. Reporting Requirements**

Quarterly progress reports, annual Federal Financial Reports (Standard Form 425), annual Disadvantaged Business Enterprise reports, and a final technical report will be required for all successful applicants. The quarterly progress reports will be submitted to the EPA Project Officer within 30 calendar days after each reporting period. These reports shall cover work status, work progress, difficulties encountered, preliminary data results and a statement of activity anticipated during the subsequent reporting period. A discussion of expenditures along with a comparison of the percentage of the project completed to the project schedule and an explanation of significant discrepancies, how program income is being used (if applicable), and any changes of key personnel concerned with the project. EPA will provide successful applicants with detailed information regarding required reporting in the terms of conditions of the cooperative agreement.

At the close of the grant, the successful applicant will submit a final technical report to the EPA Project Officer within 120 calendar days of completion of the period of performance. The final technical report shall include a summary of the project or activity, advances or goals achieved, and costs of the project or activity. In addition, the final technical report should discuss the problems, successes, and lessons learned during the project period.

All quarterly reports and the final technical report will be submitted through the grantee portal of EPA's Grant Management System. This system will help EPA monitor the recipient's progress with implementing their project and directly supports the continuation of the SWIFR program by highlighting measurable accomplishments progress to the public and Congress. EPA will provide successful applicants with information on how to access the Grant Management System. EPA intends to obtain an Information Collection Request (ICR) and require specific information in the performance reports, including information on the outputs and outcomes in *Section I.J: Measuring and Reporting Environmental Results: Outputs and Outcomes* and additional programmatic progress information.

## **SECTION VII – AGENCY CONTACT**

Dan Halpert, U.S. EPA, Office of Resource Conservation and Recovery (MC 5306P), 1301 Constitution Avenue, NW, Washington, DC 20460; e-mail: [SWIFR@epa.gov](mailto:SWIFR@epa.gov).



# WORKSPACE FORM

1-800-518-4726  
SUPPORT@GRANTS.GOV

This Workspace form is one of the forms you need to complete prior to submitting your Application Package. This form can be completed in its entirety offline using Adobe Reader. You can save your form by clicking the "Save" button and see any errors by clicking the "Check For Errors" button. In-progress and completed forms can be uploaded at any time to Grants.gov using the Workspace feature.

When you open a form, required fields are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message. Additional instructions and FAQs about the Application Package can be found in the Grants.gov Applicants tab.

## OPPORTUNITY & PACKAGE DETAILS:

Opportunity Number:	EPA-I-OLEM-ORCR-24-05
Opportunity Title:	Solid Waste Infrastructure for Recycling Grants for Political Subdivisions of States and Territories
Opportunity Package ID:	PKG00287915
CFDA Number:	66.920
CFDA Description:	Solid Waste Infrastructure for Recycling Infrastructure Grants
Competition ID:	
Competition Title:	
Opening Date:	09/16/2024
Closing Date:	12/20/2024
Agency:	Environmental Protection Agency
Contact Information:	Dan Halpert U.S. EPA Office of Resource Conservation and Recovery Mail Code: 5306P 1301 Constitution Avenue, NW Washington, DC 20460

## APPLICANT & WORKSPACE DETAILS:

Workspace ID:	WS01440296
Application Filing Name:	Nashville Department of Waste Services - SWIFR Application
UEI:	LGZLHP6ZHM55
Organization:	NASHVILLE & DAVIDSON COUNTY, METROPOLITAN GOVERNMENT OF
Form Name:	Application for Federal Assistance (SF-424)
Form Version:	4.0
Requirement:	Mandatory
Download Date/Time:	Dec 17, 2024 11:28:13 AM EST
Form State:	No Errors

## FORM ACTIONS:

<b>Application for Federal Assistance SF-424</b>			
* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): <input style="width: 100%;" type="text"/> * Other (Specify): <input style="width: 100%;" type="text"/>	
* 3. Date Received: <input style="width: 100%;" type="text"/> Completed by Grants.gov upon submission.	4. Applicant Identifier: <input style="width: 100%;" type="text"/>		
5a. Federal Entity Identifier: <input style="width: 100%;" type="text"/>		5b. Federal Award Identifier: <input style="width: 100%;" type="text"/>	
<b>State Use Only:</b>			
6. Date Received by State: <input style="width: 100%;" type="text"/>		7. State Application Identifier: <input style="width: 100%;" type="text"/>	
<b>8. APPLICANT INFORMATION:</b>			
* a. Legal Name: <input style="width: 100%;" type="text"/> Metropolitan Government of Nashville/Davidson Co.			
* b. Employer/Taxpayer Identification Number (EIN/TIN): <input style="width: 100%;" type="text"/> 620694743		* c. UEI: <input style="width: 100%;" type="text"/> LGZLHP6ZHM55	
<b>d. Address:</b>			
* Street1:	<input style="width: 100%;" type="text"/> 1600 2nd Avenue N		
Street2:	<input style="width: 100%;" type="text"/>		
* City:	<input style="width: 100%;" type="text"/> Nashville		
County/Parish:	<input style="width: 100%;" type="text"/> Davidson		
* State:	<input style="width: 100%;" type="text"/> TN: Tennessee		
Province:	<input style="width: 100%;" type="text"/>		
* Country:	<input style="width: 100%;" type="text"/> USA: UNITED STATES		
* Zip / Postal Code:	<input style="width: 100%;" type="text"/> 37208-1733		
<b>e. Organizational Unit:</b>			
Department Name: <input style="width: 100%;" type="text"/>		Division Name: <input style="width: 100%;" type="text"/>	
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>			
Prefix:	<input style="width: 100%;" type="text"/>	* First Name:	<input style="width: 100%;" type="text"/> Tracey
Middle Name:	<input style="width: 100%;" type="text"/>		
* Last Name:	<input style="width: 100%;" type="text"/> Thurman		
Suffix:	<input style="width: 100%;" type="text"/>		
Title:	<input style="width: 100%;" type="text"/> Director		
Organizational Affiliation: <input style="width: 100%;" type="text"/> Metro Nashville Waste Services			
* Telephone Number: <input style="width: 100%;" type="text"/> 6158624556		Fax Number: <input style="width: 100%;" type="text"/>	
* Email: <input style="width: 100%;" type="text"/> tracey.thurman@nashville.gov			

**Application for Federal Assistance SF-424**

**\* 9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

B: County Government

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

**\* 10. Name of Federal Agency:**

Environmental Protection Agency

**11. Catalog of Federal Domestic Assistance Number:**

66.920

CFDA Title:

Solid Waste Infrastructure for Recycling Infrastructure Grants

**\* 12. Funding Opportunity Number:**

EPA-I-OLEM-ORCR-24-05

\* Title:

Solid Waste Infrastructure for Recycling Grants for Political Subdivisions of States and Territories

**13. Competition Identification Number:**

Title:

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

Add Attachment

Delete Attachment

View Attachment

**\* 15. Descriptive Title of Applicant's Project:**

Building Resilience Through Better Recycling Infrastructure

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

**Application for Federal Assistance SF-424**

**16. Congressional Districts Of:**

\* a. Applicant

\* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

**17. Proposed Project:**

\* a. Start Date:

\* b. End Date:

**18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="2,440,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="2,440,000.00"/>

**\* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

a. This application was made available to the State under the Executive Order 12372 Process for review on

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

**\* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

Yes  No

If "Yes", provide explanation and attach

**21. \*By signing this application, I certify (1) to the statements contained in the list of certifications\*\* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances\*\* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

\*\* I AGREE

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

**Authorized Representative:**

Prefix:  \* First Name:

Middle Name:

\* Last Name:

Suffix:

\* Title:

\* Telephone Number:  Fax Number:

\* Email:

\* Signature of Authorized Representative:

\* Date Signed:



# WORKSPACE FORM

1-800-518-4726  
SUPPORT@GRANTS.GOV

This Workspace form is one of the forms you need to complete prior to submitting your Application Package. This form can be completed in its entirety offline using Adobe Reader. You can save your form by clicking the "Save" button and see any errors by clicking the "Check For Errors" button. In-progress and completed forms can be uploaded at any time to Grants.gov using the Workspace feature.

When you open a form, required fields are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message. Additional instructions and FAQs about the Application Package can be found in the Grants.gov Applicants tab.

## OPPORTUNITY & PACKAGE DETAILS:

Opportunity Number:	EPA-I-OLEM-ORCR-24-05
Opportunity Title:	Solid Waste Infrastructure for Recycling Grants for Political Subdivisions of States and Territories
Opportunity Package ID:	PKG00287915
CFDA Number:	66.920
CFDA Description:	Solid Waste Infrastructure for Recycling Infrastructure Grants
Competition ID:	
Competition Title:	
Opening Date:	09/16/2024
Closing Date:	12/20/2024
Agency:	Environmental Protection Agency
Contact Information:	Dan Halpert U.S. EPA Office of Resource Conservation and Recovery Mail Code: 5306P 1301 Constitution Avenue, NW Washington, DC 20460

## APPLICANT & WORKSPACE DETAILS:

Workspace ID:	WS01440296
Application Filing Name:	Nashville Department of Waste Services - SWIFR Application
UEI:	LGZLHP6ZHM55
Organization:	NASHVILLE & DAVIDSON COUNTY, METROPOLITAN GOVERNMENT OF
Form Name:	Budget Information for Non-Construction Programs (SF-424A)
Form Version:	1.0
Requirement:	Mandatory
Download Date/Time:	Dec 12, 2024 06:27:51 PM EST
Form State:	No Errors

## FORM ACTIONS:

**BUDGET INFORMATION - Non-Construction Programs**

OMB Number: 4040-0006  
Expiration Date: 02/28/2025

**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Solid Waste Infrastructure for Recycling Grants for Political Subdivisions of States and Territories	66.920	\$ <input type="text"/>	\$ <input type="text"/>	\$ 2,440,000.00	\$ <input type="text"/>	\$ 2,440,000.00
2.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>5. Totals</b>		\$ <input type="text"/>	\$ <input type="text"/>	\$ 2,440,000.00	\$ <input type="text"/>	\$ 2,440,000.00



**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Solid Waste Infrastructure for Recycling Grants for Political Subdivisions of States and Territories				
<b>a. Personnel</b>	\$ 0.00	\$	\$	\$	\$ 0.00
<b>b. Fringe Benefits</b>	0.00				0.00
<b>c. Travel</b>	0.00				0.00
<b>d. Equipment</b>	2,440,000.00				2,440,000.00
<b>e. Supplies</b>	0.00				0.00
<b>f. Contractual</b>	0.00				0.00
<b>g. Construction</b>	0.00				0.00
<b>h. Other</b>	0.00				0.00
<b>i. Total Direct Charges (sum of 6a-6h)</b>	2,440,000.00				\$ 2,440,000.00
<b>j. Indirect Charges</b>	0.00				\$ 0.00
<b>k. TOTALS (sum of 6i and 6j)</b>	\$ 2,440,000.00	\$	\$	\$	\$ 2,440,000.00
<b>7. Program Income</b>	\$ 0.00	\$	\$	\$	\$ 0.00

Authorized for Local Reproduction

**SECTION C - NON-FEDERAL RESOURCES**

	(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	Solid Waste Infrastructure for Recycling Grants for Political Subdivisions of States and Territories	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
9.					
10.					
11.					
12. TOTAL (sum of lines 8-11)		\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

**SECTION D - FORECASTED CASH NEEDS**

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 1,440,000.00	\$ 0.00	\$ 0.00	\$ 440,000.00	\$ 1,000,000.00
14. Non-Federal	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
15. TOTAL (sum of lines 13 and 14)		\$ 1,440,000.00	\$ 0.00	\$ 440,000.00	\$ 1,000,000.00

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

	(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
		(b)First	(c) Second	(d) Third	(e) Fourth
16.	Solid Waste Infrastructure for Recycling Grants for Political Subdivisions of States and Territories	\$ 1,000,000.00	\$ 0.00		
17.					
18.					
19.					
20. TOTAL (sum of lines 16 - 19)		\$ 1,000,000.00	\$ 0.00		

**SECTION F - OTHER BUDGET INFORMATION**

21. Direct Charges:	22. Indirect Charges:
23. Remarks:	



# WORKSPACE FORM

1-800-518-4726  
SUPPORT@GRANTS.GOV

This Workspace form is one of the forms you need to complete prior to submitting your Application Package. This form can be completed in its entirety offline using Adobe Reader. You can save your form by clicking the "Save" button and see any errors by clicking the "Check For Errors" button. In-progress and completed forms can be uploaded at any time to Grants.gov using the Workspace feature.

When you open a form, required fields are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message. Additional instructions and FAQs about the Application Package can be found in the Grants.gov Applicants tab.

## OPPORTUNITY & PACKAGE DETAILS:

Opportunity Number:	EPA-I-OLEM-ORCR-24-05
Opportunity Title:	Solid Waste Infrastructure for Recycling Grants for Political Subdivisions of States and Territories
Opportunity Package ID:	PKG00287915
CFDA Number:	66.920
CFDA Description:	Solid Waste Infrastructure for Recycling Infrastructure Grants
Competition ID:	
Competition Title:	
Opening Date:	09/16/2024
Closing Date:	12/20/2024
Agency:	Environmental Protection Agency
Contact Information:	Dan Halpert U.S. EPA Office of Resource Conservation and Recovery Mail Code: 5306P 1301 Constitution Avenue, NW Washington, DC 20460

## APPLICANT & WORKSPACE DETAILS:

Workspace ID:	WS01440296
Application Filing Name:	Nashville Department of Waste Services - SWIFR Application
UEI:	LGZLHP6ZHM55
Organization:	NASHVILLE & DAVIDSON COUNTY, METROPOLITAN GOVERNMENT OF
Form Name:	EPA KEY CONTACTS FORM
Form Version:	2.0
Requirement:	Mandatory
Download Date/Time:	Dec 12, 2024 06:27:59 PM EST
Form State:	No Errors

## FORM ACTIONS:



# EPA KEY CONTACTS FORM

OMB Number: 2030-0020  
 Expiration Date: 06/30/2024

**Authorized Representative:** *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

**Name:** Prefix:  **First Name:**  **Middle Name:**   
**Last Name:**  **Suffix:**   
**Title:**

**Complete Address:**

**Street1:**   
**Street2:**   
**City:**  **State:**   
**Zip / Postal Code:**  **Country:**   
**Phone Number:**  **Fax Number:**   
**E-mail Address:**

**Payee:** *Individual authorized to accept payments.*

**Name:** Prefix:  **First Name:**  **Middle Name:**   
**Last Name:**  **Suffix:**   
**Title:**

**Complete Address:**

**Street1:**   
**Street2:**   
**City:**  **State:**   
**Zip / Postal Code:**  **Country:**   
**Phone Number:**  **Fax Number:**   
**E-mail Address:**

**Administrative Contact:** *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

**Name:** Prefix:  **First Name:**  **Middle Name:**   
**Last Name:**  **Suffix:**   
**Title:**

**Complete Address:**

**Street1:**   
**Street2:**   
**City:**  **State:**   
**Zip / Postal Code:**  **Country:**   
**Phone Number:**  **Fax Number:**   
**E-mail Address:**

# EPA KEY CONTACTS FORM

**Project Manager:** *Individual responsible for the technical completion of the proposed work.*

---

**Name:** Prefix:  **First Name:**  **Middle Name:**   
**Last Name:**  **Suffix:**   
**Title:**

**Complete Address:**

**Street1:**   
**Street2:**   
**City:**  **State:**   
**Zip / Postal Code:**  **Country:**   
**Phone Number:**  **Fax Number:**   
**E-mail Address:**



# WORKSPACE FORM

1-800-518-4726  
SUPPORT@GRANTS.GOV

This Workspace form is one of the forms you need to complete prior to submitting your Application Package. This form can be completed in its entirety offline using Adobe Reader. You can save your form by clicking the "Save" button and see any errors by clicking the "Check For Errors" button. In-progress and completed forms can be uploaded at any time to Grants.gov using the Workspace feature.

When you open a form, required fields are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message. Additional instructions and FAQs about the Application Package can be found in the Grants.gov Applicants tab.

## OPPORTUNITY & PACKAGE DETAILS:

Opportunity Number:	EPA-I-OLEM-ORCR-24-05
Opportunity Title:	Solid Waste Infrastructure for Recycling Grants for Political Subdivisions of States and Territories
Opportunity Package ID:	PKG00287915
CFDA Number:	66.920
CFDA Description:	Solid Waste Infrastructure for Recycling Infrastructure Grants
Competition ID:	
Competition Title:	
Opening Date:	09/16/2024
Closing Date:	12/20/2024
Agency:	Environmental Protection Agency
Contact Information:	Dan Halpert U.S. EPA Office of Resource Conservation and Recovery Mail Code: 5306P 1301 Constitution Avenue, NW Washington, DC 20460

## APPLICANT & WORKSPACE DETAILS:

Workspace ID:	WS01440296
Application Filing Name:	Nashville Department of Waste Services - SWIFR Application
UEI:	LGZLHP6ZHM55
Organization:	NASHVILLE & DAVIDSON COUNTY, METROPOLITAN GOVERNMENT OF
Form Name:	EPA Form 4700-4
Form Version:	5.0
Requirement:	Mandatory
Download Date/Time:	Dec 12, 2024 06:27:55 PM EST
Form State:	No Errors

## FORM ACTIONS:



## Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

### I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name:

Address:

City:

State:  Zip Code:

B. Unique Entity Identifier (UEI):

### C. Applicant/Recipient Point of Contact

Name:

Phone:

Email:

Title:

II. Is the applicant currently receiving EPA Assistance?  Yes  No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

Yes  No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

Yes  No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

- VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)  Yes  No
  - a. Do the methods of notice accommodate those with impaired vision or hearing?  Yes  No
  - b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?  Yes  No
  - c. Does the notice identify a designated civil rights coordinator?  Yes  No
- VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))  Yes  No
- IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))  Yes  No
- X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Juanita Davis, Human Resources Admin, Metro Water Services, 1600 2nd Ave N., Nashville, TN 37208, juanita.davis@nashville.gov, 615-862-4530, fax: 615-862-4532

- XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.

<https://www.nashville.gov/departments/human-relations/title-vi-metro-government>

**For the Applicant/Recipient**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Completed by Grants.gov upon submission.		Completed by Grants.gov upon submission.

**For the U.S. Environmental Protection Agency**

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date



Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.

Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

**Title:** Expanding Recycling for Regional Resilience in Nashville and Davidson County

**Applicant Name:** Metropolitan Government of Nashville and Davidson County, Nashville Department of Waste Services (NDWS)

**Eligible Entity Type:** Political Subdivision (local city/county government)

Qualification for Program Track: NDWS is applying for funding from Track 1 due to the

**UEI:** LGZLHP6ZHM55

**Project Summary:** The Metropolitan Government of Nashville and Davidson County (Metro) seeks to build regional resilience of waste management by reducing reliance on landfilling through aggressively increasing diversion of recyclable material. By establishing Nashville's first Metro-owned Materials Recovery Facility, Nashville can increase both the quantity and quality of material recovered for recycling. Additionally, by improving public recycling infrastructure through installation of litter baskets with A.I. and Smart Technology, Nashville can increase diversion from public litter, reduce negative impacts of litter on the community and environment, and improve collection of public litter baskets. Combined, this project will build community trust and excitement in the recycling program while laying the foundation for a regional recycling hub that will benefit Nashville, Davidson County, and beyond.

**Contact Information:** Tracey Turner Thurman, Director, Nashville Department of Waste Services, 1600 2<sup>nd</sup> Ave. N., Nashville, TN 37208, (615) 862-4556

**Project Location:** Nashville, Tennessee

**EPA Funding Requested:** \$2,440,000

**Project Period:** The project would kick off immediately following notice of funding. With equipment lead times ranging potentially from 12 to 24 months, equipment would be purchased as soon as possible following contract award, as early as June/July 2026. It is expected that the project will be completed by February 2027.

**Program Objective Elements:** This project meets at least four of the objectives: expands collection and improves materials management infrastructure; funds the construction of tangible infrastructure and technology to reduce contamination in the recycled materials stream; increases capacity for materials management; demonstrates a significant and measurable increase in the diversion of materials collected for municipal solid waste.

**Award of Grant from Previous Rounds of Funding:** The Metropolitan Government of Nashville and Davidson County, Department of Solid Waste does not have an open EPA SWIFR grant and has not received funds from a previous SWIFR funding opportunity.

**Cooperative Partners:** Nashville Downtown Partnership; Bloomberg Sustainable Cities; Metro Water Services;

Narrative Proposal: Nashville, TN

**Criteria 1: Project Summary and Approach**

***a. Project Narrative including a clearly written description of the overall project:***

The Nashville Department of Waste Services (NDWS), established in 2024—forming out of a division of the Metro Water Services (MWS) department within the Metropolitan Government of Nashville and Davidson County (Metro)—, aims to make Nashville the greenest city in the south by building infrastructure and implementing innovative technology that will support aggressive diversion for all the middle Tennessee region.

Nashville is currently facing a landfill capacity crisis—there is estimated only 5 years of permitted landfill space in the middle Tennessee region and future landfilling farther away will increase costs and increase environmental impacts to the community—while the city also faces a lack of local and regional infrastructure to increase diversion of recoverable materials. To address these issues, Metro funded the transition of NDWS from a division to a department and hired its first Director, Tracey Thurman, to lead the department’s strategic development making this the perfect time to shift operational programs and charge a new path forward. This includes a multi-phased plan to move out of the constraints of inadequate, privately controlled infrastructure that Metro is currently beholden to for diversion efforts to Metro/NDWS-owned infrastructure and technology that aggressively drives recycling and organics diversion for the entire region.

The proposed project for this application is for “Phase I” of a multi-phased plan **will** help NDWS and the Nashville community improve and transform our post-consumer materials management infrastructure, increase in the diversion of MSW from landfills, and increase access to mechanical recycling. This project includes investing in collection infrastructure, specialized equipment, and innovative technology to build Nashville’s first Metro/NDWS-owned Materials Recovery Facility (MRF) and establishing public-facing recycling collection in high-trafficked, commercial corridors. Phase I allows NDWS to take charge of our own destiny and build our own narrative in how material is managed in Nashville for a long-term, sustainable, and resilient diversion and materials management program.

Phase I has two major project components: 1) Building a material processing facility to increase capacity and diversion by processing and directly marketing material for recycling from county-wide collection programs including NDWS’ drop-off recycling collection and residential curbside recycling collection programs. 2) Establishing effective public litter collection including recycling in Nashville’s urban neighborhoods that sets a foundation for improved public litter collection across the county and builds brand awareness and excitement around NDWS and its recycling and diversion programs.

If this project is funded, NDWS will build a small scale (materials recovery facility) MRF that will set the foundation for future infrastructure investments and will include a drum feeder, conveyor system, and mechanical auto-tie baler. NDWS would hire and train staff to operate the specialized equipment and market the material to local and regional end-markets, building a revenue stream to fund future upgrades and investments in more infrastructure. This would give NDWS the ability to process its own material collected at its 11 recycling drop-off collection sites and residential curbside collection program and receive 100% of the revenue from the sale of recovered commodities instead of the current model of NDWS paying a third-party contractor to process NDWS collected material at a net loss to the recycling program. Owned by NDWS, the MRF would also have the immediate capacity to sort materials such as Polypropylene that currently isn’t recovered in Nashville for recycling along with other high-value commodities including PET, HDPE, Mixed Paper, Cardboard, and Aluminum and Steel cans. Bulky rigid

plastics could also be recovered, and future investment would see glass from single-stream collection recovered as well.

Phase I builds off momentum established by local leaders to redevelop and reactivate Nashville's downtown 2<sup>nd</sup> Ave. following the 2020 Christmas Day bombing including envisioning how waste can be managed more efficiently and effectively, while increasing diversion of waste materials from downtown Nashville through establishment of a NDWS-owned MRF and improving public litter collection for waste materials and recycling. It also builds off the momentum of Nashville's selection as a Bloomberg Sustainable City, which includes work to improve and reactivate the Jefferson St. corridor including addressing public litter collection for waste and recycling.

Both Jefferson St. and 2<sup>nd</sup> Ave. represent two of Nashville's historic mixed-use neighborhoods that face significant waste and materials management challenges. Like many cities, Nashville's historic streets were designed with narrow or no alleys and insufficient space for waste aggregation presenting space constraints, aesthetic issues, odors, and inefficient collection processes. Waste and recycling receptacles for the public are also lacking, which may lead to an increase in littering and limits the ability to successfully recover material for recycling. This poses the perfect backdrop to implementing the second component of Phase I, public litter baskets equipped with A.I. and Smart technology.

If the project is funded, NDWS will install approximately 20 public waste stations that collect both trash and recycling and are equipped with A.I. technology that automatically sort waste and recycling into the correct interior receptacle and equipped with Smart technology that alerts the collections management team to when the container is nearing capacity and requires collection. These containers will be custom branded with NDWS educational messaging that engages and excites users to recycle in Nashville. Additionally, the automated sorting will prevent significant contamination in recycling by taking human error out of the sorting process. The public waste stations will be installed on both the Jefferson St. corridor and throughout the downtown 2<sup>nd</sup> Ave. redevelopment project. Once installed, staff will be trained on reading and analyzing data collected from the containers allowing NDWS to understand trends in public collection, optimize routing based on container usage, and evaluate investment of similar infrastructure in other urban commercial corridors around Nashville to further expand the public recycling program.

Through the creation of the MRF and establishment of effective public waste and recycling collection, this project sets the stage for future phases of infrastructure investment and diversion potential for Nashville's residential recycling collection programs. If funded, this project will lead to future phases that invest in additional MRF equipment and establish a regional MRF that can drive substantial increases in residential and commercial diversion across the county and middle Tennessee region.

***b. Application identifies how project meets the requirements in Section I.F: Scope of Work***

This project meets several of the objectives listed in section I.F by improving materials management infrastructure through the installation of public waste and recycling containers with AI and smart technology that sorts recyclable material and alerts to container fill level, and through creation of a mini MRF that will serve to increase capacity to capture and process high quality, high value recyclable commodities from residential recycling programs, downtown Nashville, and public containers including, but not limited to PET, HDPE, PP, steel, aluminum, mixed paper, cartons, and cardboard; by optimizing collection of material through use of smart technology fill sensors that will increase efficiency of routing and eliminate container overflow litter, and through use of AI capable waste and recycling containers that automatically sort out contamination from quality recyclable commodities; by creating tangible infrastructure and technology to reduce contamination in the recycled materials stream through





initiative, aligning waste management improvements with broader efforts to reactivate and restore the vibrancy of Jefferson St. The establishment of NDWS’ mini-MRF also demonstrates the city’s commitment to recycling long-term, putting investment in long-term solutions for the benefit of the entire region. Future phases of this project will work towards a regional MRF that will increase recycling access not just in Nashville, but across middle Tennessee, but requires initial investment in equipment and infrastructure like the baler, conveyor system, and drum feeder requested through this opportunity. By investing in our own infrastructure, we are also able to take charge of our own destiny, bringing capacity to expand the recovery of materials beyond what current infrastructure allows. This will expand the recycling program for residents to include materials such as polypropylene and build public trust and confidence in the recycling program as we are able to accept more materials. Additionally, by directly marketing our own material, we can further grow public confidence in the recycling program by having transparency in where Nashville’s recycling ends up after it’s been collected. By enhancing waste management systems and public perception of recycling, this initiative directly environmentally, economically, and socially benefits the city’s urban residents and the regional workforce that powers downtown.

***b. Quantify the anticipated magnitude of both near-term and long-term impacts to waste management resulting from the proposed project, the relative cost-effectiveness of those impacts, and the reasonableness and quality of the assumptions and calculations used to determine the impacts and cost-effectiveness of those impacts.***

Near-term impacts: 1) Increase diversion by 20% of trash currently collected downtown (including businesses, residents, and public litter baskets) and on Jefferson St. (including public litter baskets) totaling an estimated 2,500+ tons annually; 2) Reduce costs for source separated recycling processing by up \$100,000+ annually by eliminating contract service and processing material directly by NDWS; 3) Increase revenue for source separated recycling program by a potential \$480,000 annually; 4) Potential reduction in GHG emissions by 8,062 MTCO<sub>2</sub> due to increased diversion of in downtown recycling program.

	<b>Current Recycling Collected (Tons)</b>	<b>Current MSW Landfill Collected (Tons) *Estimated per data available</b>	<b>Projected Recycling Tonnage Collected</b>	<b>Projected MSW Landfill Tonnage Collected</b>	<b>GHG Reduction (MTCO<sub>2</sub>)</b>
<b>Downtown Collection</b>	N/A	13,000	2,500	10,500	8,062

Long-term impacts: 1) Increase diversion by 8%-10% of county-wide NDWS recycling program giving the potential to capture an additional 16,500 tons of material for diversion, and increase diversion of privately collected MSW by a minimum of 8-10% with a potential to capture an additional 100,000+ tons of material for diversion by using the mini-MRF as a foundation for a large scale MRF capable of collecting and diverting glass, polypropylene, and other valuable commodities that currently has no or limited infrastructure for recycling; 2) Increase revenue for single stream recycling program by a potential of \$840,000+ annually; 3) Potential reduction in GHG emissions by 53,208 MTCO<sub>2</sub> due to increased diversion in NDWS recycling program, and potential reduction in GHG emissions by 332,475 MTCO<sub>2</sub> due to increased diversion in private sector recycling programs.

	<b>Current Recycling Tonnage Collected</b>	<b>Current MSW Landfill Tonnage Collected</b>	<b>Projected Recycling Tonnage Collected</b>	<b>Projected MSW Landfill Tonnage Collected</b>	<b>GHG Reduction (MTCO<sub>2</sub>)</b>

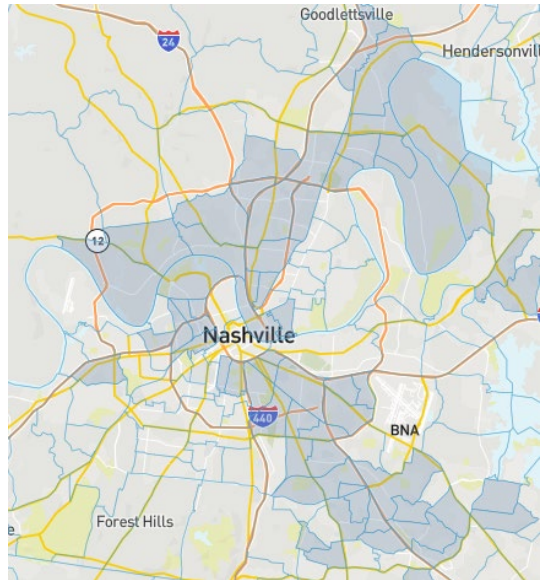
<b>NDWS Curbside Program</b>	12,250	164,300	28,750	147,800	53,208
<b>Private Sector</b>	170,672	1,006,252	270,672	906,252	332,475

Both near-term and long-term impacts are calculated based on: 1) Historical MSW collection data for both downtown and across Nashville’s service area; 2) Historical trend data in MSW generation increases year over year both downtown and across Nashville’s service area; 3) Waste characterization data collected for Nashville including breakdowns in material categories for both commercial and residential MSW and recycling; 4) Annually quantified recycling rates per state reported Nashville specific data; 5) Secondary Materials Pricing data for the Southeast USA; 6) Monthly invoices for recycling processing from MRF contractor; 7) EPA’s Waste Reduction Model.

**Criteria 3: Environmental Justice**

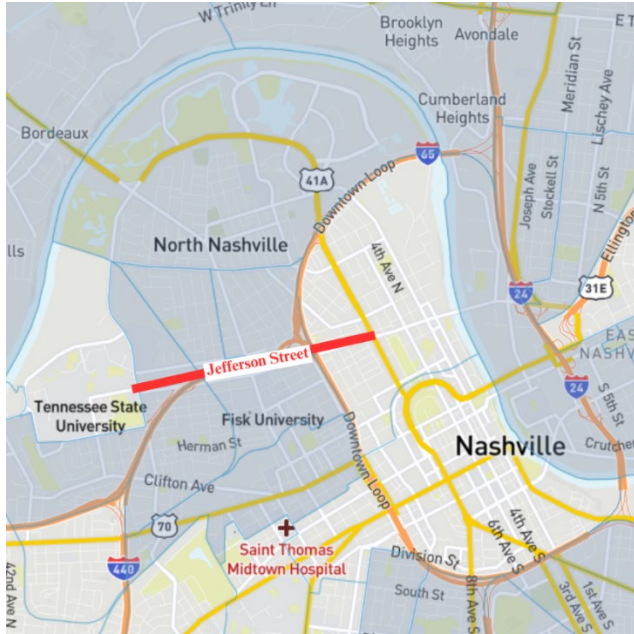
- a. How the project benefits communities including those that have experienced a lack of resources or other impediments to addressing the impacts identified above that affect their community.*

NDWS is applying for funding for Track 1 due to the number of disadvantaged communities, identified by the EPA’s Climate and Economic Justice Screening Tool (CEJST), within Davidson County, particularly the North Nashville area around the Jefferson St. corridor. Grant funding would enable the installation of A.I./Smart tech litter baskets on two historic, mixed-use streets in Nashville—Jefferson St. and 2<sup>nd</sup> Ave.—, and a mini-MRF benefitting the entire county. Jefferson St. is the historic center of the city’s black and African American community, situated near three historically black universities. However, interstate construction fragmented this vibrant area, which once housed the city’s rhythm and blues and rock’n’roll music scenes, as well as numerous Black churches and residences. This disruption has contributed to ongoing economic and community decline. 2<sup>nd</sup> Ave., located within the downtown core of Nashville, is one of the city’s most heavily trafficked areas. In December 2020, Nashville suffered a bombing that damaged downtown’s historic 2<sup>nd</sup> Ave. streetscapes, facilities, and utility infrastructure. This presented opportunity to evaluate how trash and other materials are collected downtown.



A 2022 report analyzing Waste Stream Management on Historic 2<sup>nd</sup> Ave., and decades of lived experience on Jefferson St. and 2<sup>nd</sup> Ave., demonstrate that waste and materials management can present space constraints, aesthetic issues, odors, and inefficient collection processes in areas heavily frequented by residents and visitors. Today’s approach has negative impacts on local businesses, residents, and visitors who frequent the area. It also results in inefficient, costly, and unsustainable approaches to waste management, which have direct detrimental impacts on business and residents living in these areas, and indirect financial, environmental, and social impacts to the entire community.





The installation of the A.I.-equipped litter baskets on both Jefferson St. and 2<sup>nd</sup> Ave. will help address many of these issues. The bins will feature sensors that monitor fullness levels, alerting staff when collection is needed, thereby improving operational efficiency, and preventing overflow, which causes unsightly litter and odors. Additionally, the litter bins will use A.I. to automatically sort the recycling from the trash. This initiative provides continuous opportunities to educate the public about acceptable recycling materials while directly confronting them with the recyclability of their waste. Given the high volume of people visiting these areas, this approach helps educate these communities as well as the entire county on accepted recyclable materials, ultimately reducing contamination.

Finally, the purchase and installation of a drum feeder, conveyer equipment, and mechanical baler will support the development of a small-scale MRF adjacent to downtown Nashville, enhancing the capture of recyclable materials in the urban core, the Jefferson St. corridor, and across the county’s drop-off recycling sites. This facility will enable NDWS to sell commodities directly to end-markets, generating a revenue stream to fund the expansion of recycling programs throughout the County. The mini-MRF will serve as a foundation for county-wide diversion efforts, benefiting all residents of Davidson County, including its disadvantaged communities.

The long-term goal of NDWS is to operate its own regional MRF that extends recycling access across Davidson County and neighboring communities in Middle Tennessee. This would reduce the need for these rural areas to build and maintain their own expensive MRFs. Additionally, by owning and operating its own facility, NDWS would be able to accept a broader range of materials, such as glass and Polypropylene in curbside collection, neither of which is currently accepted by our existing MRF operator. This increased diversion reduces the frequency of trucking municipal solid waste in through the disadvantaged communities of South Nashville and its negative environmental impact through emissions on the way to landfill, which is a 75-mile round trip.

***b. How the project addresses engagement with local residents in these communities who will be affected by the project, to ensure their meaningful participation with respect to the design, project planning, and performance of the project.***

The project ensures meaningful engagement with local residents in the affected communities by integrating multiple strategies aimed at inclusivity and responsiveness. Council members from Districts where litter baskets will be located will be involved to support awareness and education within their constituencies, and NDWS will partner with community-based organizations, such as JUMP, Stand Up Nashville, The Equity Alliance, and others, that are active in advocating for addressing constituent needs in the project areas and in topics relating to waste management, economic and community development, beautification, and racial equity, ensuring that local perspectives are considered throughout the project. This collaborative effort will also support creating public value, identifying solutions, and educating residents. Communications and community engagement teams in Metro departments and Council Members will be able to help manage resident expectations associated with temporary disruptions

necessitated by infrastructure projects. Involving multiple Metro departments and community partners will help ensure the project fosters an inclusive environment that ensures residents' concerns are addressed at every stage, from planning to execution.

**Criteria 4: Measuring Environmental Results: Anticipated Outputs and Outcomes**

*a. Anticipated Outcomes*

1) Reduction of harmful impacts of litter. 2) Reduction of PET, HDPE, PP, Cardboard, Paper, Cartons, Metal, and Glass being landfilled by NDWS. 3) Decrease in GHG emissions resulting from increase in material diverted from landfill. 4) Increase number of permanent and temporary jobs related to MRF operations, equipping more Nashvillians with the skills to sustainably manage waste materials.

Infrastructure investments: #1 will be tracked through use of smart technology in the litter baskets to determine fullness of containers and ensure collection prior to overflow. #2 will be measured by weighing inbound and outbound material to quantify diversion and is estimated to divert approximately 10,500 tons of material from downtown, public litter baskets, and recycling drop-off sites.

Tons of MSW collected: #1 will be measured by weighing recovered material for recycling and landfill and is anticipated to increase diversion of approximately 2,500 tons of recyclable material. #2 will be measured by weighing outbound bales of commodities from the MRF and has the potential to increase diversion of PP collected from downtown, public litter baskets, and recycling drop-off sites by 3% and is estimated to divert approximately 10,500 tons of material from downtown, public litter baskets, and recycling drop-off sites.

Tons of MSW generated by material type: #2 will be measured by weighing outbound bales of each commodity from the MRF and has the potential to increase diversion of PP by 3% and is estimated to divert approximately 10,500 tons of material from downtown, public litter baskets, and recycling drop-off sites.

GHG reduction: #3 will be measured using the tonnage data collected and the EPA's WARM model to calculate MTCO<sub>2e</sub> resulting from increased diversion. It is anticipated this project will reduce emissions by 8,062 MTCO<sub>2e</sub>.

Number of jobs created: #4 will be tracked by quantifying the number of FTEs and temporary labor required to run the MRF annually and is anticipated to create 5 or more permanent jobs.

Political subdivisions served: #1 will be tracked using available population data for the areas served by the litter baskets. #2 will be tracked using available population data for areas served by NDWS recycling drop-off sites and public litter baskets. It is anticipated that the entire political subdivision of Davidson County will be served by this project with programs accessible to everyone who lives, works, and visits Davidson County.

Number of disadvantaged communities served: #1 will be tracked using CJEST data to identify disadvantaged communities served by public litter baskets. #2 will be tracked using CJEST data to identify disadvantaged communities served by NDWS recycling drop-off sites and public litter baskets. Davidson County has 63 disadvantaged communities identified by CJEST and it is anticipated that all disadvantaged communities of Davidson County will be served by this project with programs accessible to everyone who lives, works, and visits Davidson County. #3 will be tracked using CJEST data to identify disadvantaged communities along landfill trucking routes and communities surrounding landfill destinations.

***b. Anticipated Outputs***

1) NDWS will contract directly with local and regional end markets to ensure material collected is recycling and made into new goods and products. 2) All downtown and Jefferson St. corridor residents will be exposed to educational information on public litter baskets promoting recycling in Nashville. 3) NDWS will build greater public trust and excitement in Nashville's recycling program.

Infrastructure Investments: #1 will be achieved by contacting end-markets directly to confirm material specifications for all commodities and ensure our operators maintain these requirements. #2 will be achieved by installing public-facing branded educational messaging on all EPA-funded litter baskets. #3 will be achieved by incorporated a public outreach campaign in tandem with installation of MRF and litter baskets including providing the public transparency in the recycling process using known end-markets and providing tours of the MRF. Both #2 and #3 will be qualitatively and quantitatively tracked through the response to the messaging and outreach campaign via social media engagement, media engagement, website traffic, and public interactions.

Tons of MSW collected: #1 will be measured by weighing recovered material for recycling and is anticipated to increase diversion of approximately 2,500 tons of recyclable material.

Tons of MSW generated by material type: #2 and #3 will be tracked by weighing inbound and outbound material and comparing it to historical diversion data.

GHG reduction: #3 will be measured using the tonnage data collected and the EPA's WARM model to calculate MTCO<sub>2e</sub> resulting from increased diversion. It is anticipated this project will reduce emissions by 8,062 MTCO<sub>2e</sub>.

Number of jobs created: N/A

Political subdivisions served: #1 and #3 will be measured using available population data for the areas served by the MRF. #2 will be measured using available population data for the areas served by the litter baskets.

Number of disadvantaged communities served: #1 and #3 will be measured using CJEST data to identify the disadvantaged communities served by the MRF. #2 will be measured using CJEST data to identify the disadvantaged communities served by the litter baskets.

**Criteria 5: Programmatic Capability and Past Performance**

***Federally/Non-Federally Funded Assistance Agreements performed by NDWS***

- Recycling Partnership Curbside Recycling Education and Promotion Grant – 2022-2023
- State of Tennessee Department of Environment and Conservation (TDEC) Recycling Rebate – 2023
- TDEC Organics Management Grant – 2024-2025
- TDEC Education and Outreach Grant – 2024-2025
- TDEC Recycling Rebate – 2025

***a. Past performance in successfully completed and managing the assistance agreements identified in response to Section IV.E.b.v.:***

Multiple members of the NDWS team have supported the successful management and completion of the listed assistance agreements, including Jenn Harrman, Sharon Smith, and Allie Omens. For the Recycling

Partnership agreement, Harrman and Smith met monthly with Recycling Partnership staff to ensure completion of all deliverables within the timeline of the assistance agreement. This included the design and distribution of two educational mailings to increase curbside recycling collection from once a month to every other week collection. This education effort through the agreement successfully saw Nashville transition to every other week recycling, increasing ability to recycling and tonnage of material collected. For the TDEC assistance agreements, each has a designated point of contact for grant management, (Harrman for the Recycling Rebates and Organics Management grants, and Omens for the Education and Outreach grant). The 2023 Recycling Rebate resulted in the successful purchase and full reimbursement of new curbside recycling carts for Nashville's growing service area. Harrman completed all required documentation. The additional three TDEC grants are ongoing and all in good standing with the grantor. Additionally, Harrman has managed the financial reporting internally within NDWS.

***b. History of meeting the reporting requirements under the assistance agreements identified in response to Section IV.E.b.v:***

All grant awards managed by NDWS staff were managed successfully including both monthly and quarterly reporting structures with reports submitted on time and adequately. NDWS has worked closely with staff of all grantors to ensure reports are provided to the standard required. For the Recycling Partnership grant, all tonnage reports and final impact reports were submitted and accepted by the grantor to receive full funding reimbursement. For the TDEC 2023 Recycling Rebate, all required documentation including final reports were submitted and accepted by the grantor to receive full funding reimbursement. The additional assistance agreements listed are ongoing but are all in good standing with all quarterly reports, inspections, and reviews to date submitted and accepted by the grantor.

***c. Staff expertise/qualifications (including organizational experience), staff knowledge, and resources or the ability to obtain them, to successfully achieve the goals of the proposed project:***

The NDWS operations staff are experienced in collection management, routing, and material hauling and have fleet vehicles capable of performing collection for all litter baskets. Leadership and administrative staff have the necessary skills to monitor and analyze data provided by the litter baskets A.I./Smart technology and are well-versed in route optimization. NDWS leadership has experience managing MRF operations and routinely consults with industry experts that inform operational improvements, upgrades, and solutions. With the funds generated from the sale of materials from the MRF, NDWS will be able to fund new positions to hire and train operators with the knowledge and expertise to operate the MRF efficiently, effectively, and safely. Leadership also has experience in marketing recovered materials and has built strong industry relationships that will ensure material can and is sold at the best value. Requirements for the necessary expertise and qualifications to design, build, and install all equipment to a high standard will be incorporated into the RFPs for the procurement process and NDWS staff are well versed in contract management.

**Criteria 6: Budget and Expenditure of Awarded Grant Funds**

Please see Budget Table and Description.

**Attachment A: Budget Table and Description**

Federal funding requested totals \$2,440,000, which includes shipment and installation a mechanical baler with auto-tie system, a conveyor system, drum feeder, and 20 AI powered litter baskets. Itemized costs for each component are not possible without completing a competitive bid process as it requires a full proposal from MRF manufacturers. If awarded, NDWS anticipates spending most of the funds in the first year, followed by the remaining funds in the second year after all equipment has been delivered and installed. Timing of final expenditures would be dependent on equipment lead times which could range from 12 to 24 months.

***a. Proposed expenditures are reasonable to accomplish the proposed goals, objectives, and measurable environmental outcomes:***

Currently, Metro/NDWS owns no infrastructure for processing waste or recycling materials making this equipment essential to grow local and regional recycling systems. EPA-funded equipment requested for this project is therefore necessary to establish foundational infrastructure for NDWS to significantly increase diversion while in the long-term build regional resilience through recycling. This includes the conveyor system, drum feeder, and mechanical baler combined to establish a mini-MRF that will create the capacity for NDWS to process their own material collected from EPA-funded litter baskets and Metro collected recycling from residents and businesses in downtown Nashville and beyond. The drum feeder and conveyor(s) will serve to increase speed and efficiency of sorting the volume of material generated from recycling streams and the baler will serve to allow sorted commodities to be compacted, baled, and fully prepped to be marketed and sold directly to local and regional end-markets. Additionally, Nashville’s walkable commercial corridors, particularly downtown Nashville and Jefferson St., lack recycling collection infrastructure for public recycling sending valuable commodities including but not limited to PET bottles and aluminum cans to landfill instead of diversion. EPA-funded litter baskets utilizing Smart/A.I. technology not only bring recycling collection to these walkable, urban neighborhoods, it also prevents contamination in recycling by automatically sorting material using built-in artificial intelligence. Installation of these litter baskets serves to establish recycling collection in these urban corridors while collecting high quality, high value recyclable material to be diverted from landfill. They also serve to highlight the value and importance of Nashville’s recycling programs through custom branding and education building excitement and public support for sustainable waste management efforts.

***b. Proposed budget provides detailed breakout of the approximate funding for each major activity allocated to the proper budget category:***

<b>Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total Costs</b>
a. Personnel	\$0	\$0	\$0	
b. Fringe Benefits	\$0	\$0	\$0	
c. Travel	\$0	\$0	\$0	
d. Equipment	\$1,440,000	\$1,000,000	\$0	\$2,440,000
e. Supplies	\$0	\$0	\$0	
f. Contractual	\$0	\$0	\$0	
g. Construction	\$0	\$0	\$0	

h. Other Direct Costs	\$0	\$0	\$0	
<b>TOTAL DIRECT COSTS</b>	<b>\$1,440,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$2,440,000</b>
i. Indirect Charges	\$0	\$0	\$0	
<b>TOTAL COST</b>	<b>\$1,440,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$2,440,000</b>

TOTAL PROJECT COST: \$2,440,000

TOTAL EPA FUNDING REQUESTED: \$2,440,000

*A. Personnel:*

No funding requested. Tasks related to implementing project will be absorbed by NDWS staff such as: 1) Developing RFPs to purchase and install equipment; 2) Administrative time associated with working with the manufacturer(s)/installer(s) to order/purchase EPA-funded equipment; 3) Administrative time associated with working with manufacturer of AI powered litter baskets to develop custom designed wraps branded with NDWS educational messaging; 4) Education and outreach for promoting new downtown recycling collection program and mini-MRF including tours of the mini-MRF; 5) Maintenance of EPA-funded equipment. NDWS staff included in this project process will include but is not limited to: Director and Assistant Director of NDWS, NDWS' Finance Manager, NDWS' Administrative Services Manager, NDWS' Solid Waste Engineer, and NDWS' Special Projects Manager.

Position Title	Description	# FTEs	Year 1 Pay Rate	Year 2 Pay Rate	Year 3 Pay Rate	Total Cost
N/A	N/A	0	N/A	N/A	N/A	\$0
<b>TOTAL COST:</b>						<b>\$0</b>

*B. Fringe Benefits*

No funding requested.

*C. Travel*

No funding requested. There is no travel associated with this project for NDWS. Equipment providers may be required to travel as part of the installation process, but those costs will be included under Equipment.

Travel	Purpose	Destination	# of Travelers	Rate	# of Nights	Cost
Year 1	N/A	N/A	N/A	N/A	N/A	\$0
Year 2	N/A	N/A	N/A	N/A	N/A	\$0
Year 3	N/A	N/A	N/A	N/A	N/A	\$0
<b>TOTAL TRAVEL:</b>						<b>\$0</b>

*D. Equipment*

Equipment costs include a mechanical baler with auto-tie system, a conveyor, and 20 auto-sorting litter baskets that use A.I. and Smart technology, as well as shipment and installation of each. Note that itemization of MRF equipment costs is not possible without conducting a competitive bid process to receive a full proposal from a MRF manufacturer, therefore all MRF equipment is listed together.

Shipping and installation are included under equipment because it is part of the purchase price.

Equipment	Item	Cost
Year 1	MRF equipment including mechanical baler with auto-tie system, conveyor system, drum feeder	\$1,400,000
	20 auto-sorting litter baskets with A.I. and Smart technology	\$40,000
Year 2	MRF equipment including mechanical baler with auto-tie system, conveyor system, drum feeder, 20 auto-sorting litter baskets with A.I. and Smart technology	\$1,000,000
Year 3	N/A	\$0
TOTAL EQUIPMENT:		\$2,440,000

*E. Supplies*

No funding requested.

*F. Contractual*

No funding requested.

*G. Construction*

No funding requested.

*H. Other Direct Costs*

No funding requested.

*I. Indirect Costs*

There are no indirect costs associated with this proposed project.

***b. Application conveys the approach, procedures, and controls for ensuring that awarded grant funds will be expended in a timely and efficient manner:***

If funded, NDWS’ approach to ensuring grant funds are expended in a timely and efficient manner will include: 1) At EPA notice of intent to award and beginning of grant period: a) Set up financial account specific to the grant award to ensure grant expenditures are separate from other capital and operational expenses; b) Draft RFP to enter a competitive bid process to procure EPA-funded MRF equipment according to sorting equipment specifications, Metro’s procurement guidelines, and all requirements set by the EPA including compliance with Build

America, Buy America requirements. c) Enter a competitive bid process for A.I./Smart capable litter baskets according to NDWS' specifications, Metro's procurement guidelines, and all requirements set by the EPA including compliance with Build America, Buy America requirements; 2) Once manufacturers are awarded and purchase order issued: a) Meet with each manufacturer to develop timelines for production and installation that meets the requirements of the EPA grant period and estimated proposal timeline in this application including project milestones; b) Maintain regular communication with manufacturers to ensure project milestones are met; 3) At completion of installation: a) Inspect all equipment to ensure specifications for equipment and installation have been met to the standard set for in the contract resulting from the competitive bidding process; b) Complete invoice processing within Metro procurement and guidelines set forth in the manufacturer's contract with Metro/NDWS; 4) Throughout the entire grant period: a) Maintain regular communication with EPA grants staff to ensure all procurement, reporting, and reimbursement requirements are met correctly and on time.



**APPLICATION FOR EPA SOLID WASTE RECYCLING INFRASTRUCTURE  
GRANTS PROGRAM**

**METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY**

Signed by:

*Tracy Turner Thurman*  
\_\_\_\_\_  
D5B5392A40F349B...  
Tracy Turner Thurman, Director  
Waste Services

12/17/2024  
\_\_\_\_\_  
Date