Green Stormwater Infrastructure Maintenance: Information Session
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Watershed Protection Division
AGENDA

Introductions

Background on Watershed Protection Division & Green Stormwater Infrastructure

GSI Maintenance RFA
  Background
  Purpose
  Overview
  Application
  Timeline
  Project Outcomes, Outputs, Deliverables, and Scoring Criteria

Questions & Answers
Introductions
WPD and GSI Maintenance

**Watershed Protection Division Mission**  To protect and restore the environmental health of the District’s watersheds.

**Green Stormwater Infrastructure**  Site-level practices to manage stormwater, distributed across the District. The majority are on public lands. Some voluntary measures funded by DOEE are on private or federal lands. AKA Low impact development (LID). Typical practices include above-ground landscaping techniques including rain gardens, bioretention, vegetated swales and channels, Bayscaping; and various types of rain-water harvesting practices, such as rain barrels, above and below grade cisterns.

**Maintenance**  Routine, regular maintenance occurs on monthly, quarterly and as needed basis. Maintenance requirements can depend on season, location, weather, rainfall, size of contributing drainage area, age of practice, and other factors.

Photos from DOEE
WPD and GSI Maintenance

Examples of Maintenance

- Cleaning inlets of sediment, trash, debris, litter
- Managing vegetation; weeding; replacement planting; establishment watering
- Replacing or refreshing rip-rap, river rock, gravel
- Referring for major repair/reconstruction
GSI Maintenance RFA

Overview

• RFA found on DOEE’s website: [https://doee.dc.gov/node/1558006](https://doee.dc.gov/node/1558006)
• **$1.1 million** available for anticipated period of about 1 year from start date
• Can be extended for more years; depends on performance, funds, and need
• Competitive selection process
• Funding for work performed provided through reimbursement

Eligible to apply:

• Nonprofit organizations
• Faith-based organizations
• Private enterprises
GSI Maintenance RFA

Application Process

Compile all required documents listed in Section 3 of the RFA, including project description, work plan, and all forms/documents/certificates.

Each applicant must submit one electronic copy as a PDF file to:

2021gsimaintenance@dc.gov

Deadline: Tuesday, October 12, 2021 at 11:59 PM
No late submissions will be considered!
GSI Maintenance RFA

Timeline

- RFA announced September 10
- Pre-application meeting September 27
- Application deadline October 12 by 11:59 PM
- DOEE reviews proposals Mid-October
- Grantee notified Early November
- Grantee starts work as soon as Grant Award Notice is issued to winners
- Grant period ends September 30, 2022 with possibility of extension

@doee_dc
GSI Maintenance RFA

Purpose

This grant has two purposes: (1) Primarily, and substantially, provide excellent routine maintenance for the District’s investment in up to 500 GSI located in public spaces; and (2) secondarily, create GSI maintenance “sustainable employment” opportunities for local District residents, including returning citizens. The grantee or grantees will work from the published map and database of GSI, and propose cost-effective and efficient approaches to achieve regular maintenance of selected, prioritized GSI and types of GSI. (See GSI map.)

Stormwater runoff is a major contributor of pollution to the District’s waterways and the Chesapeake Bay. Stormwater is generated during a wet weather event as precipitation runs off impermeable surfaces, such as roofs, sidewalks, and roadways. The high volumes and velocities of urban stormwater runoff erode local waterways, polluting and clogging rivers downstream. Roof surfaces, parking lots, and turfgrass are significant sources of stormwater pollution. GSI lessens the negative impact of stormwater runoff on the District’s waterways.
The scope of the maintenance work is up to 500 GSI, almost all located on DC Government property, and almost all owned by DC Government. The types are principally: bioretention, rain gardens; and cisterns that are above and below ground.

The following types are presently excluded from this scope, i.e. from the “production plan” work and estimates: streams and green roofs. Specifically, DOEE is seeking a grantee that proposes efficient, cost-effective, and timely, approaches to routine GSI maintenance.
GSI Maintenance RFA 101

https://dcgis.maps.arcgis.com/apps/webappviewer/index.html?id=980045a3167947c3b9e3803c571ba667
GSI Maintenance RFA

1. Production Plan
   Provide a “production plan” showing how the applicant would accomplish the purposes of the grant. Present it for each of three years. The specifics of the plan should show the DOEE reader how the applicant will tie the who, what, where, when and how to the how-much of the grant.

2. Assess and set priorities
   Set priorities among these aspects of the GSI:
   - Type;
   - Location;
   - Date of most recent inspection;
   - Date of most recent maintenance;
   - Degree of impairment/non-functioning;
   - Cost to complete;
   - Materials required;
   - Size of the job;
   - Difficulty level;
   - Staff availability;

3. Implementation
   Provide the maintenance services as specified in the SMG for the appropriate GSI.

Conform maintenance activities to guidelines of DOEE’s latest edition, the 2020 Stormwater Management Guidebook (SMG) for the applicable practice type.
Important Considerations

**Additional eligibility terms:** The Application must address how at least one person on each maintenance crew will have been certified in GSI maintenance by one of this RFA’s accepted organizations:

- The Chesapeake Bay Landscape Professional (CBLP) program;
- National Green Infrastructure Certification Program (NGICP).
Important Resources

**Additional eligibility terms:** The Application must address how at least one person on each maintenance crew will have been certified in GSI maintenance by one of this RFA’s accepted organizations:

- **DOEE’s latest edition, the 2020 Stormwater Management Guidebook (SMG) for the applicable practice type.** ([https://doee.dc.gov/swregs](https://doee.dc.gov/swregs))
- Appendix 7 – Self-Inspection Self-Reporting Stormwater Management Facilities
Better functioning GSI in the District

Improved District water quality

Increased number of GSI that receive regular maintenance

Increased mitigation of District properties’ stormwater runoff

Increased employment opportunities for District residents
GSI Maintenance RFA

Project Outputs

1. At least 500 GSIs receive regular DOEE-approved maintenance
2. New GSI-related jobs created for the period of the grant
3. Timely GSI maintenance reporting and up-to-date database

RFA p. 27
GSI Maintenance RFA

1. GSI inspection and reporting.

2. GSI maintenance and reporting.

3. DOEE GSI database populated with current data regarding inspection, maintenance and planning.

4. A GSI production plan for each year of the grant.

5. Participation in quarterly coordination meetings with DOEE, and its related grantees and contractors.

6. Invoices that are timely and complete.

Project Deliverables

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* Will also include Quarterly and Final Reports to DOEE per the Grant Agreement.
## GSI Maintenance RFA

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<tr>
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<th>Scoring Criteria</th>
<th>Points</th>
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<tbody>
<tr>
<td>1</td>
<td>Provides a Production Plan that persuasively demonstrates that the applicant will cost effectively and timely implement the GSI maintenance purpose of the grant.</td>
<td>25</td>
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<td>2</td>
<td>Presents extensive qualifications, meaning experience, training, and education, supporting the highest quality GSI maintenance work.</td>
<td>20</td>
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<td>3</td>
<td>The applicant is likely to carry out the activities of the grant flexibly and creatively.</td>
<td>10</td>
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<td>4</td>
<td>Shows extensive experience, training, and education, supporting the likelihood of success for the sustainable employment objectives for disadvantaged District residents.</td>
<td>10</td>
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<tr>
<td>5</td>
<td>Applicant’s financial responsibility is fully demonstrated through its policies, procedures, and experience/track record.</td>
<td>10</td>
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<td>6</td>
<td>Presents a detailed and comprehensive budget and budget narrative that constitute a sensible financial plan to accomplish the grant’s stated purposes.</td>
<td>15</td>
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<td>7</td>
<td>Record keeping is likely to be of excellent quality and timely delivered.</td>
<td>10</td>
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<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>100</strong></td>
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Thank You!

Questions?

2021gsimaintenance@dc.gov

Reminder!
Questions & Answers will continue to be posted to the Rfa webpage.