



National Park Service

PWA - WASO Financial Assistance

2021
P21AS00324

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A. Program Description

A1. Authority

54 U.S.C. §101702(a) Cooperative Agreements, Transfer of Service Appropriated Funds.
 54 U.S.C. §101702(b) Cooperative Agreements, Cooperative Research and Training Programs.
 54 U.S.C. §100703 Cooperative Study Units.

Catalog of Federal Domestic Assistance (CFDA) Number

15.945

A2. Background, Purpose and Program Requirements

The National Park Service “preserves unimpaired the natural and cultural resources and values of the National Park System for the enjoyment, education, and inspiration of this and future generations.” A key consideration for protecting park resources, values, and visitor enjoyment is the design, installation, and use of outdoor lighting at night. Improper or excessive lighting affects many animal and plant species with effects that can cascade through park ecosystems, such as altering wildlife distribution. Improper or excessive lighting can also compromise visitor safety, reduce visitor enjoyment, and can diminish opportunities for outdoor recreation, especially astronomy based recreation, one of the most popular activities in the national parks. Conversely, sustainable outdoor lighting reduces operating costs, facilitates efficient park operations, advances NPS and DOI sustainability goals, improves wildlife habitat, and enhances visitor safety, enjoyment, and opportunities to promote local economic growth through increased astronomy based recreation/tourism in and around park units while meeting the natural and cultural resource obligations of the NPS.

Emerging solid state lighting technologies (e.g., LED) coupled with luminaire designs and adaptive lighting technologies (e.g., timers, sensors, dimmers) provide increasing opportunities to improve many aspects of outdoor lighting. However, these new technologies are being incorporated into many projects without an understanding of the influence they have on park resources, values, and visitor enjoyment. There is very little understanding about human reactions and expectations with respect to outdoor lighting in national park settings. These perceptions likely influence visitors’ feelings of safety, behavior, enjoyment, and ability to enjoy the night sky and participate in the numerous astronomy based interpretive programs system wide. Further, researchers are just beginning to understand the effects of outdoor lighting on key indicator species including bats, insects, birds, as well as population dynamics and ecosystem functions.

The Public Purposes of this financial assistance include: strengthening scientific support for public land resources and visitor experience, increasing public awareness of night sky resources, improving quality outdoor lighting design, stimulating scientific research, promoting the development of emerging technologies, and education and training of students and the future

bench of NPS scientists.

The objectives of this project are to work with partners to develop and operate an outdoor lighting laboratory that advances understanding of outdoor lighting impacts on natural resources and visitor preferences with respect to lighting design, adaptive lighting technologies (e.g., timers, sensors, dimmers), intensity or brightness of lighting, light color or “spectral content”, and how luminaire design may influence a visitor’s wayfinding capability, feelings of safety, and the quality of their park experience in order to inform park management and decision making.

Expected outcomes include:

- Better understanding of outdoor lighting impacts on visitor preferences including:
 - o how lighting can be designed to improve nighttime recreation opportunities in parks, specifically astronomy based activities
 - o how lighting can be designed to promote safety and security, and enhance overall visitor enjoyment
 - o how informing and educating visitors influences perceptions and expectations of outdoor lighting at night in the parks
- Better understanding of outdoor lighting impacts on natural resources, including bats, insects, birds, as well as population dynamics and ecosystem functions.
- Better understanding of how improved lighting can measurably reduce light pollution

Preference will be given to proposals that include interdisciplinary approaches that profile the relevant and interrelated concepts of social and biological responses to light, such as visitor use management, human factors psychology, lighting design, biological sciences, and ecosystem sciences.

Proposal should focus on development and operation of an outdoor lighting laboratory. This outdoor laboratory should be designed to run experiments that allow for interchangeable lighting designs that can examine both social and biological responses that can inform park management decisions. The lab should be located in areas with relative natural night with minimal effects of light pollution to allow for full control of the photic environment. Proposals that include locating the experimental lab in a natural resource based setting are preferred. Further, settings with the options for path lighting, parking lot lighting, and outdoor building lighting are preferred.

Phase 1: Partnering and laboratory development

- Identify partner institutions or parks, if needed, for hosting the experimental outdoor lighting laboratory.
- Design and build out the laboratory:
 - o Identify, design, or build, as needed, various outdoor lighting scenes matching common lighting tasks that can be deployed in a park or park-like setting. Designs should allow for systematic control of light distribution, intensity and spectra, and be easily controlled remotely as necessary.

Phase 2: Implementation of experiments

- Examine how humans react to different lighting conditions including monitoring behavior (e.g., wayfinding or movement), assessing preferences, and evaluating nighttime recreation

opportunities.

- Understand how human physiology (e.g., night adapted vision) and demographics (e.g., gender) influence preferences and behaviors.
- Understand how informing and educating the visitors (e.g., via night time programs or a displayed sign) can change their perception of night and outdoor lighting.
- Undertake natural resource based experiments that investigate night lighting effects on wildlife (including insects) and other biophysical resources.
- Examine how different lighting regimes increase or reduce measurable light pollution.
- Provide evidence-based guidance/best practices that can be used by park managers to facilitate park planning, compliance, contracting, procurement actions, facility design, or other lighting related management actions.
- Review OMB-NPS Programmatic Review package when preparing proposal timeline: <https://www.nps.gov/subjects/socialscience/programmaticclearance.htm>

The recipient agrees to:

- Work collaboratively with the NPS to develop, design, implement, and evaluate study designs and outcomes.
- Disseminate approach and results through practitioner conferences, webinars, websites, and peer-reviewed publications.
- Involve students in the development, implementation, and evaluation of the project.
- Submit yearly reports.

The NPS agrees to:

- Provide information about context, approaches, and management concerns associated with lighting in parks.
- Assist researchers in finding park specific locations for the lab setting, if necessary.
- Provide technical support, when available, regarding photometric measurements, unattended wildlife and visitor monitoring, and other engineering issues.
- Provide guidance and review products to ensure compatibility with NPS mission, policies, and standards.
- Disseminate approach and results through practitioner conferences, webinars, websites, and peer-reviewed publications.

Secretary of the Interior Priorities:

This program supports Secretary of the Interior priority(ies) 1 and 8 in the following way,

Priority 1: Creating a conservation stewardship legacy second only to Teddy Roosevelt

- Secretary's Top 10: 1.a. Utilize science to identify best practices to manage land and water resources and adapt to changes in the environment.

The project will use science to inform the development and use of best practices to support the preservation of national parks as some of the last remaining dark places where starry nights and views of the cosmos can be enjoyed, while also considering the safety of visitors (real and perceived) who use the parks at night.

The project will help park managers provide new or improved recreation opportunities for visitors,

especially those interested in star gazing and astronomy based park programming.

Priority 8: Modernize our infrastructure

- Secretary's Top 10: 8.c.2. Prioritize DOI infrastructure needs to highlight: 2. Cyclical maintenance.

This project will help managers understand what technological advances to outdoor lighting infrastructures, including advanced lighting systems and adaptive lighting technologies, can be used to meet various park objectives (e.g., increased access, safety, visitor enjoyment, enhanced recreation opportunities).

B. Federal Award Information

B1. Total Funding

Estimated Total Funding

B2. Expected Award Amount

Maximum Award

\$ 390,000

Minimum Award

\$ 150,000

B3. Anticipated Award Funding and Dates

Anticipated Award Date

June 04, 2021

B4. Number of Awards

Expected Number of Awards

1

B5. Type of Award

Funding Instrument Type

CA - Cooperative Agreement

C. Eligibility Information

C1. Eligible Applicants

Eligible Applicants

00 – State governments

06 – Public and State controlled institutions of higher education

20 – Private institutions of higher education

Additional Information on Eligibility

In accordance with 54 U.S.C. § 101702(b), Cooperative and Research Training Programs, this funding opportunity is limited to public or private educational institutions, states, and political subdivisions of States.

C2. Cost Sharing or Matching

Cost Sharing / Matching Requirement

No

C3. Other

Excluded Parties: NPS conducts a review of the SAM.gov Exclusions database for all applicant entities and their key project personnel prior to award. The NPS cannot award funds to entities or their key project personnel identified in the SAM.gov Exclusions database as ineligible, prohibited/restricted or otherwise excluded from receiving Federal contracts, certain subcontracts, and certain Federal assistance and benefits, as their ineligibility condition applies to this Federal program.

D. Application and Submission Information

D1. Address to Request Application Package

The Application Package can be accessed and downloaded from the Synopsis page of this announcement in Grants.gov.

D2. Content and Form of Application Submission

Project Narrative

The proposal is a narrative description that should specifically address each of the review criteria (see Section E). The proposal text must be no longer than 12 pages, no smaller than font size 11, and have 1-inch margins. The 12-page limit includes all text, figures, references, and resumes (Forms SF-424, SF-424A, SF-424B, SF-LLL, and the statement of indirect charges are not counted as part of the 12 page limit). Additionally, only information that is pertinent to the proposal should be included.

1. SF-424, Application for Federal Assistance

Applicants must submit the appropriate Standard Form (SF)-424, Application for Federal Assistance. Individuals applying as a private citizen (i.e., unrelated to any business or nonprofit organization you may own or operate in your name), must complete the SF-424, Application for Federal Assistance-Individual form. All other applicants must complete the standard SF-424, Application for Federal Assistance. The required application forms are available with this announcement on Grants.gov. The SF-424, Application for Federal Assistance must be complete, signed, and dated. Do not include any proprietary or personally identifiable information. Please note: Enter only the amount requested from this Federal program in the “Federal” funding box on the SF-424 Application form. Include any other Federal sources of funding in the “Other” box and provide details on those Federal source(s) and funding amount(s) in the required Budget Narrative (see the “Budget Narrative” section below).

Applicants must submit the appropriate SF-424 Budget Information form and Budget Narrative. For non-construction programs or projects, applicants must complete and submit the SF-424A, “Budget Information for Non-Construction Programs” form. All of the required application forms are available with this announcement on Grants.gov. Federal award recipients and subrecipients are subject to Federal award cost principles in 2 CFR 200.

Any applicant organization that has not completed the financial assistance certifications and representations within their SAM.gov registration must submit the appropriate signed and dated Assurances form. All of the required application forms are available with this announcement on Grants.gov.

Detailed Budget Narrative

The project budget shall include detailed information on all cost categories and must clearly identify all estimated project costs. Unit costs shall be provided for all budget items including the cost of work to be provided by contractors or sub-recipients. In addition, applicants shall include a narrative description of the items included in the project budget, including the value of in-kind contributions of goods and services provided to complete the project when cost share is identified to be included (reference section C of this announcement). Cost categories can include, but are not limited to, those costs items included on the SF424A or SF424C.

Conflict of Interest Disclosure

Per the Financial Assistance Interior Regulation (FAIR), [2 CFR §1402.112](#), applicants must state in their application if any actual or potential conflict of interest exists at the time of submission.

(a) *Applicability.*

(1) This section intends to ensure that non-Federal entities and their employees take appropriate steps to avoid conflicts of interest in their responsibilities under or with respect to Federal financial assistance agreements.

(2) In the procurement of supplies, equipment, construction, and services by recipients and by subrecipients, the conflict of interest provisions in 2 CFR 200.318 apply.

(b) Notification.

(1) Non-Federal entities, including applicants for financial assistance awards, must disclose in writing any conflict of interest to the DOI awarding agency or pass-through entity in accordance with 2 CFR 200.112.

(2) Recipients must establish internal controls that include, at a minimum, procedures to identify, disclose, and mitigate or eliminate identified conflicts of interest. The recipient is responsible for notifying the Financial Assistance Officer in writing of any conflicts of interest that may arise during the life of the award, including those that have been reported by subrecipients.

(c) Restrictions on lobbying. Non-Federal entities are strictly prohibited from using funds under a grant or cooperative agreement for lobbying activities and must provide the required certifications and disclosures pursuant to 43 CFR part 18 and 31 U.S.C. 1352.

(d) Review procedures. The Financial Assistance Officer will examine each conflict of interest disclosure on the basis of its particular facts and the nature of the proposed grant or cooperative agreement, and will determine whether a significant potential conflict exists and, if it does, develop an appropriate means for resolving it.

(e) Enforcement. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award. Failure to make required disclosures may result in any of the remedies described in 2 CFR 200.338, Remedies for noncompliance, including suspension or debarment (see also 2 CFR part 180).

Single Audit Reporting Statement

All U.S. states, local governments, federally recognized Indian tribal governments, and non-profit organizations expending \$750,000 USD or more in Federal award funds in the applicant's fiscal year must submit a Single Audit report for that year through the [Federal Audit Clearinghouse's Internet Data Entry System](#). U.S. state, local government, federally recognized Indian tribal government, and non-profit applicants must state if your organization was or was not required to submit a Single Audit report for the most recently closed fiscal year. If your organization was required to submit a Single Audit report for the most recently closed fiscal year, provide the EIN associated with that report and state if it is available through the [Federal Audit Clearinghouse](#) website.

Certification Regarding Lobbying

Applicants requesting more than \$100,000 in Federal funding must certify to the statements in [43 CFR Part 18, Appendix A-Certification Regarding Lobbying](#). If this application requests more than \$100,000 in Federal funds, the Authorized Official's signature on the appropriate SF-424, Application for Federal Assistance form also represents the entity's certification of the statements in 43 CFR Part 18, Appendix A.

Overlap or Duplication of Effort Statement

Applicants must provide a statement indicating if there is any overlap between this Federal application and any other Federal application, or funded project, in regards to activities, costs, or time commitment of key personnel. If no such overlap or duplication exists, state, “There are no overlaps or duplication between this application and any of our other Federal applications or funded projects, including in regards to activities, costs, or time commitment of key personnel”. If any such overlap exists, provide a complete description of overlaps or duplications between this proposal and any other federally funded project or application in regards to activities, costs, and time commitment of key personnel, as applicable. Provide a copy of any overlapping or duplicative proposal submitted to any other potential funding entity and identify when that proposal was submitted, to whom (entity name and program), and when you anticipate being notified of their funding decision. The statement and the description of overlap or duplication, when applicable, may be provided within the proposal or as a separate attachment to the application. If at any time a proposal is awarded funds that would be overlapping or duplicative of the funding requested from NPS, the applicant must immediately notify the NPS point of contact. Any overlap or duplication of funding between the proposed project and other active or anticipated projects may impact selection and/or funding amount.

D3. Unique Entity Identifier and System for Award Management (SAM)

Identifier and System for Award Management (SAM.gov) Registration: This requirement does not apply to individuals applying for funds as individual (i.e., unrelated to any business or nonprofit organization you may own or operate) or any entity with an exception approved by the funding bureau or office in accordance with bureau or office policy. All other applicants are required to obtain a Data Universal Numbering System (DUNS) number from Dun & Bradstreet and then register in SAM.gov prior to submitting a Federal award application. Federal award recipients must continue to maintain an active SAM.gov registration with current information through the life of their Federal award(s). See the “Submission Requirements” section of this document below for more information on SAM.gov registration. We may not make a Federal award to an applicant that has not completed the SAM.gov registration. If an applicant selected for funding has not completed their SAM.gov registration by the time the program is ready to make an award, the program may determine that the applicant is not qualified to receive an award. The program can use that determination as a basis for making an award to another applicant. **There is no cost to register with Dun & Bradstreet or SAM.gov.** There are third-party vendors who will charge a fee in exchange for registering entities with Dun & Bradstreet and SAM.gov; **please be aware you can register and request help for free.**

Obtain a DUNS Number

Request a DUNS Number through the Dun & Bradstreet website. For technical difficulties, send an email to the D&B SAM Help Desk. Please ensure that you are able to receive emails from SAMHelp@dnb.com. The Grants.gov “Obtain a DUNS Number” webpage also provides detailed instructions. Once assigned a DUNS number, your organization must maintain up-to-date information with Dun & Bradstreet. Applicants must enter their DUNS number in the “Organizational DUNS” field on the SF-424, Application for Federal Assistance form.

Register with the System for Award Management (SAM)

Register on the SAM.gov website. “Help” tab on the website contains User Guides and other information to assist you with registration. The Grants.gov Register with SAM page also provides detailed instructions. You can also contact the supporting Federal Service Desk for help registering in SAM. Once registered in SAM, entities must renew and revalidate their SAM registration at least once every 12 months from the date previously registered. Entities are strongly encouraged to revalidate their registration as often as needed to ensure their information is up to date and reflects changes that may have been to the entity’s DUNS or IRS information.

D4. Submission Dates and Times

Due Date for Applications

04/09/2021

Application Due Date Explanation

Electronically submitted applications must be submitted no later than 11:59 PM, ET, on the listed application due date.

D5. Intergovernmental Review

Prior to application submission, U.S. state and local government applicants should visit the [OMB Office of Federal Financial Management website](#) and view the “State Point of Contact (SPOC) List” to determine whether their application is subject to the state intergovernmental review process under Executive Order (E.O.) 12372 “Intergovernmental Review of Federal Programs.” States not on the list do not participate in the intergovernmental review process, and therefore do not have a SPOC. If you are located within a State that does not have a SPOC, you may send application materials directly to a Federal awarding agency. If your state is on the list, contact the designated entity for more information on the state’s prior review requirements for Federal assistance applications.

D6. Funding Restrictions

The Federal awarding agency that provides the largest amount of direct funding to your organization is your cognizant agency for indirect costs, unless otherwise assigned by the White House Office of Management and Budget (OMB). If the Department of the Interior is your organization’s cognizant agency, the Interior Business Center will negotiate your indirect cost rate. Contact the Interior Business Center by phone 916-930-3803 or using the [IBC Email Submission Form](#). See the [IBC Website](#) for more information.

Organizations must have an active Federal award before they can submit an indirect cost rate proposal to their cognizant agency. Failure to establish an approved rate during the award period renders all costs otherwise allocable as indirect costs unallowable under the award. Recipients must have prior written approval from the Service to use amounts budgeted for direct costs to satisfy cost-share or match requirements or to cover unallowable indirect costs. Recipients shall not shift unallowable indirect costs to another Federal award unless specifically authorized to do so by legislation.

Required Indirect Cost Statement to be submitted with Application

All organizations must include the applicable statement from the following list in their application, and attach to their application any documentation identified in the applicable statement:

We are:

- A U.S. state or local government entity receiving more than \$35 million in direct Federal funding each year with an indirect cost rate of [insert rate]. We submit our indirect cost rate proposals to our cognizant agency. Attached is a copy of our most recently approved rate agreement/certification.
- A U.S. state or local government entity receiving less than \$35 million in direct Federal funding with an indirect cost rate of [insert rate]. We have prepared and will retain for audit an indirect cost rate proposal and related documentation.
- A [insert your organization type; U.S. states and local governments, do not use this statement] that has previously negotiated or currently has an approved indirect cost rate with our cognizant agency. Our indirect cost rate is [insert rate]. [Insert either: “Attached is a copy of our most recently approved but expired rate agreement. In the event an award is made, we will submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after the award is made.” *or* “Attached is a copy of our current negotiated indirect cost rate agreement.”]
- A [insert your organization type] that has never submitted an indirect cost rate proposal to our cognizant agency. Our indirect cost rate is [insert rate]. If we receive an award, we will submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after the award date.
- A [insert your organization type] that has never submitted an indirect cost rate proposal to our cognizant agency and has an indirect cost rate that is lower than 10%. Our indirect cost rate is [insert rate; must be lower than 10%]. However, if we receive an award we will not be able to meet the requirement to submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after award. We request as a condition of award to charge a flat indirect cost rate of [insert rate; must be lower than 10%] against [insert a clear description of the direct cost base against which your rate is charged (e.g., salaries; salaries and fringe benefits; or modified total direct costs). However, please note that your organization cannot charge indirect costs in excess of the indirect costs that would be recovered if applied against modified total direct costs as defined in [§2 CFR 200.68](#)]. We understand that we must notify the Service in writing if we establish an approved rate with our cognizant agency at any point during the award period.
- A [insert your organization type] that has never submitted an indirect cost rate proposal to our cognizant agency and has an indirect cost rate that is 10% or higher. Our indirect cost rate is [insert your organization’s indirect rate; must be 10% or higher]. However, if we receive an award we will not be able to meet the requirement to submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after award. We request as a condition of award to charge a flat *de minimis* indirect cost rate of 10% to be charged against modified total direct project costs as defined in [2 CFR §200.68](#). We understand that we must notify the Service in writing if we establish a negotiated rate with our cognizant agency at any point during the award period. We understand that additional Federal funds may not be available to support an unexpected increase in

indirect costs during the project period and that such changes are subject to review, negotiation, and prior approval by the Service.

- A [insert your organization type] that is submitting this proposal for consideration under the “Cooperative Ecosystem Studies Unit Network”, which has a Department of the Interior-approved indirect cost rate cap of 17.5%. If we have an approved indirect cost rate with our cognizant agency, we understand that we must apply this reduced rate against the same direct cost base as identified in our approved indirect cost rate agreement per [2 CFR §1402.414](#). If we do not have an approved indirect cost rate with our cognizant agency, we understand that we must charge indirect costs against the modified total direct cost base defined in 2 CFR §200.68 “Modified Total Direct Cost (MTDC)”. We understand that we must request prior approval from the Service to use the 2 CFR 200 MTDC base instead of the base identified in our approved indirect cost rate agreement. We understand that Service approval of such a request will be based on: 1) a determination that our approved base is only a subset of the MTDC (such as salaries and wages); and 2) that use of the MTDC base will still result in a reduction of the total indirect costs to be charged to the award. In accordance with 2 CFR §200.405, we understand that indirect costs not recovered due to a voluntary reduction to our federally negotiated rate are not allowable for recovery via any other means.
- A [insert your organization type] that will charge all costs directly.

D7. Other Submission Requirements

E. Application Review Information

E1. Criteria

Criterion 1 Maximum Points: 10

Description	Weight 25%
Secretary of the Interior Priorities	Identify which of the Secretary of the Interior priorities, noted in Section A, Program Description, your project aligns with, and provide detail as to how your project meets the priorities.

Criterion 2 Maximum Points: 10

Description	Weight 25%
Subject Matter Expertise	The proposal demonstrates that the Partner has subject matter expertise and can draw from multiple disciplines to design and implement a study that can accomplish the stated goals and research questions.

Criterion 3 Maximum Points: 10

Description	Weight 25%
Quality of proposed study design	The proposal demonstrates broadly how the study would be designed to accomplish the stated goals and research questions.

Criterion 4**Maximum Points: 10**

Description	Weight 25%
Technical Capacity	The proposal demonstrates that the Partner has the capacity (e.g., personal, lab; partners) to design, implement, and evaluate the study, or has identified sources for completing these elements.

E2. Review and Selection Process

Prior to award, the program will review any applicant statement regarding potential overlap or duplication between the project to be funded and any other funded or proposed project in terms of activities, funding, or time commitment of key personnel. Depending on the circumstances, the program may request modification to the application, other pending applications, or an active award, as needed to eliminate any duplication of effort, or the Bureau may choose not to fund the selected project.

The program may not make a Federal award to an applicant that has not completed the SAM.gov registration. If an applicant selected for funding has not completed their SAM.gov registration by the time the Bureau is ready to make an award, the program may determine that the applicant is not qualified to receive an award. The program can use that determination as a basis for making an award to another applicant.

Prior to award, the program will evaluate the risk posed by applicants as required in 2 CFR 200.205. Programs document applicant risk evaluations using the Bureau's "Financial Assistance Recipient Risk Assessment" form. Prior to approving awards for Federal funding in excess of the simplified acquisition threshold (currently \$250,000), the Bureau is required to review and consider any information about or from the applicant found in the Federal Awardee Performance and Integrity Information System. The Bureau will consider this information when completing the risk review. The Bureau uses the results of the risk evaluation to establish monitoring plans, recipient reporting frequency requirements, and to determine if one or more of the specific award conditions in 2 CFR 200.207 should be applied the award.

NPS personnel, and in some cases independent reviewers, will review all proposals. All proposals for funding will be considered using the criteria outlined above. A summary of the review panel comments may be provided to the applicant if requested.

a. Initial Review

Prior to conducting the comprehensive merit review, an initial review will be performed to determine whether: (1) the applicant is eligible for an award; (2) the information required by the NOFO has been submitted; (3) all mandatory requirements of the NOFO are satisfied; and (4) the proposed project is responsive to the program objectives of the NOFO (program determination). If an applicant fails to meet the requirements or objectives of the NOFO, or does not provide sufficient information for review, the applicant will be considered non-responsive and eliminated from further review.

b. Comprehensive Merit Review

All applications that satisfactorily pass the initial review will be eligible for the Comprehensive Merit Review. Each criteria element will be scored on a 0-10 point scale:

10	Superior	(100 % of weighted average)
8	Good	(80 % of weighted average)
6	Satisfactory	(60 % of weighted average)
4	Marginal	(40 % of weighted average)
2	Poor	(20 % of weighted average)
0	Not Acceptable	(No score)

The following numerical rating values may be assigned: 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, and 0. The scoring of each criterion must be based on the strengths and weaknesses of the application narrative. To assist in assigning an appropriate score, the following will be used as a guideline:

Rating	Descriptive Statement
10	Superior: Applicant fully addresses all aspects of the criterion, convincingly demonstrates that it will meet the Government's performance requirements, and demonstrates no weaknesses.
8	Good: Applicant fully addresses all aspects of the criterion, convincingly demonstrates a likelihood of meeting the Government's requirements, and demonstrates only a few minor weaknesses.
6	Satisfactory: Applicant addresses all aspects of the criterion and demonstrates the ability to meet the Government's performance requirements. The Application contains weaknesses and/or a number of minor weaknesses.
4	Marginal: Applicant addresses all aspects of the criterion and demonstrates the ability to meet the Government's performance requirements. The Application contains significant weaknesses and/or a significant number of minor weaknesses.
2	Poor: Applicant addresses some aspects of the criterion and demonstrates some doubt in the likelihood of successfully meeting the Government's requirements. Significant weaknesses are demonstrated and clearly outweigh any strength presented.
0	Not Acceptable: Applicant does not address all aspects of the criterion and the information presented indicates a strong likelihood of failure to meet the Government's requirements.

c. Selection

The Selection Official may consider the merit review recommendation, program policy factors (list any specific policy factors and/or important criteria to be noted by the applicant while preparing their submission – example “property must be located in a Historic District/on National Park managed land”, preference regarding geographic diversity regarding applicant selection, etc.), and the amount of funds available to select applications for funding.

d. Discussions and Award

The Government may enter into discussions with a selected applicant for any reason deemed necessary, including, but not limited to: (1) only a portion of the application is selected for award; (2) the Government needs additional information to determine that the applicant is capable of complying with the requirements of DOI Financial Assistance Regulations, and/or (3)

additional specific terms and conditions are required. Failure to satisfactorily resolve the issues identified by the Government may preclude award to the applicant.

E3. CFR – Regulatory Information

See the [National Park Service's](#) Award Terms and Conditions for the general administrative and national policy requirements applicable to Service awards. The Service will communicate any other program- or project-specific special terms and conditions to recipients in their notices of award.

E4. Anticipated Announcement and Federal Award Dates

F. Federal Award Administration Information

F1. Federal Award Notices

Upon being selected for the award, successful applicants will receive a notification of the selection of their application for funding. NPS will notify the applicant selected for award. A notice of selection is not an authorization to begin performance on an agreement. This notice will detail the next steps in the awarding process. Once all clearances and reviews have been conducted, a cooperative agreement or grant will be sent for signature.

Work cannot begin before the non-Federal entity receives a fully executed copy of the grant/cooperative agreement which contains the signature of the Financial Assistance Awarding Officer. Any pre-award costs incurred prior to the receipt of a signed agreement or written notice signed by a Financial Assistance Awarding Officer authorizing pre-award costs, is at the applicant's own risk. A signed grant/cooperative agreement signed by a Financial Assistance Awarding Officer is the only authorizing document to begin performance.

Organizations whose applications have not been selected will be advised as promptly as possible.

F2. Administrative and National Policy Requirements

See the "[DOI Standard Terms and Conditions](#)" for the administrative and national policy requirements applicable to DOI awards.

Data Availability

Per the Financial Assistance Interior Regulation (FAIR), [2 CFR §1402.315](#):

(a) All data, methodology, factual inputs, models, analyses, technical information, reports, conclusions, valuation products or other scientific assessments in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual, resulting from a financial assistance agreement is available for use by the Department of the Interior, including being available in a manner that is sufficient for independent verification.

(b) The Federal Government has the right to:

(1) Obtain, reproduce, publish, or otherwise use the data, methodology, factual inputs, models, analyses, technical information, reports, conclusions, or other scientific assessments, produced under a Federal award; and

(2) Authorize others to receive, reproduce, publish, or otherwise use such data, methodology, factual inputs, models, analyses, technical information, reports, conclusions, or other scientific assessments, for Federal purposes, including to allow for meaningful third-party evaluation.

F3. Reporting

Financial Reports

All recipients must use the [SF-425, Federal Financial Report](#) form for financial reporting. At a minimum, all recipients must submit a **final** financial report. Final reports are due no later than 90 calendar days after the award period of performance end date or termination date. For awards with periods of performance longer than 12 months, recipients are required to submit **interim** financial reports on the frequency established in the Notice of Award. The only exception to the interim financial reporting requirement is if the recipient is required to use the SF 270/271 to request payment and requests payment at least once annually through the entire award period of performance. We will describe all financial reporting requirements in the Notice of Award.

Performance Reports

Performance reports must contain a comparison of actual accomplishments with the established goals and objectives of the award; a description of reasons why established goals were not met, if appropriate; and any other pertinent information relevant to the project results. Final reports are due no later than 90 calendar days after the award period of performance end date or termination date. For awards with periods of performance longer than 12 months, recipients are required to submit **interim** financial reports on the frequency established in the Notice of Award.

Significant Development Reports

Events may occur between the scheduled performance reporting dates which have significant impact upon the supported activity. In such cases, recipients are required to notify the Bureau in writing as soon as the recipient becomes aware of any problems, delays, or adverse conditions that will materially impair the ability to meet the objective of the Federal award. This disclosure must include a statement of any corrective action(s) taken or contemplated, and any assistance needed to resolve the situation. The recipient should also notify the Service in writing of any favorable developments that enable meeting time schedules and objectives sooner or at less cost than anticipated or producing more or different beneficial results than originally planned.

Real Property Reports

Recipients and subrecipients are required to submit status reports on the status of real property acquired under the award in which the Federal government retains an interest. The required frequency of these reports will depend on the anticipated length of the Federal interest period. The Bureau will include recipient-specific real property reporting requirements, including the required data elements, reporting frequency, and report due dates, in the Notice of Award when applicable.

Conflict of Interest Disclosures

Recipients must notify the program immediately in writing of any conflict of interest that arise

during the life of their Federal award, including those reported to them by any subrecipient under the award. Recipients must notify the program in writing if any employees, including subrecipient and contractor personnel, are related to, married to, or have a close personal relationship with any Federal employee in the Federal funding program or who otherwise may have been involved in the review and selection of the award. The term employee means any individual engaged in the performance of work pursuant to the Federal award. Recipients may not have a former Federal employee as a key project official, or in any other substantial role related to their award, whose participation put them out of compliance with the legal authorities addressing post-Government employment restrictions. See the [U.S. Office of Government Ethics website](#) for more information on these restrictions. The Service will examine each conflict of interest disclosure based on its particular facts and the nature of the project and will determine if a significant potential conflict exists. If it does, the Service will work with the recipient to determine an appropriate resolution. Failure to disclose and resolve conflicts of interest in a manner that satisfies the Service may result in any of the remedies described in 2 CFR 200.338 Remedies for Noncompliance, including termination of the award.

Other Mandatory Disclosures

The Non-Federal entity or applicant for a Federal award must disclose, in a timely manner, in writing to the Federal awarding agency or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award. Non-Federal entities that receive a Federal award including the terms and conditions outlined in 2 CFR 200, Appendix XII—Award Term and Condition for Recipient Integrity and Performance Matters are required to report certain civil, criminal, or administrative proceedings to SAM. Failure to make required disclosures can result in any of the remedies described in 2 CFR 200.338 Remedies for Noncompliance, including suspension or debarment.

Reporting Matters Related to Recipient Integrity and Performance

If the total value of your currently active grants, cooperative agreements, and procurement contracts from all Federal awarding agencies exceeds \$10,000,000 for any period of time during the period of performance of this Federal award, then you as the recipient during that period of time must maintain the currency of information reported to the System for Award Management (SAM) that is made available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)) about civil, criminal, or administrative proceedings in accordance with Appendix XII to 2 CFR 200.

G. Federal Awarding Agency Contact(s)

G1. Program Technical Contact

For **programmatic technical assistance**, contact:

Name:

Steve Livingston

Email:

steve_livingston@nps.gov

G2. Program Administration Contact

For **program administration assistance**, contact:

www.nps.gov/nsnsd

G3. Application System Technical Support

For **Grants.gov technical registration and submission, downloading forms and application packages**, contact:

Name:

Grants.gov Customer Support

Telephone:

1-800-518-4726

Email:

Support@grants.gov

H. Other Information

Payments

Domestic recipients are required to register in and receive payment through the U.S. Treasury's Automated Standard Application for Payments (ASAP), unless approved for a waiver by the Service program. Foreign recipients receiving funds to a final destination bank outside the U.S. are required to receive payment through the U.S. Treasury's International Treasury Services (ITS) System. Foreign recipients receiving funds to a final destination bank in the U.S. are required to enter and maintain current banking details in their SAM.gov entity profile and receive payment through the Automated Clearing House network by electronic funds transfer (EFT). The Bureau will include recipient-specific instructions on how to request payment, including identification of any additional information required and where to submit payment requests, as applicable, in all Notices of Award.