

U.S. Fish and Wildlife Service

FWS - Fisheries

Invasive Species Rapid Response After Action Report
Fiscal Year: 2022
F22AS00243

Due Date for Applications: 04/29/2022

PAPERWORK REDUCTION ACT STATEMENT:

OMB Control Number: 1018-0100, Expiration Date: 7/31/2021

We are collecting this information in accordance with the authorizing legislation identified above. Your response is required to obtain or retain a benefit. We will use the information you provide to conduct a competitive review and select projects for funding and, if awarded, to evaluate performance. We may not conduct or sponsor and you are not required to respond to a collection of information unless it displays a currently valid Office of Management and Budget (OMB) control number. We estimate that it will take you on average about 40 hours to complete an initial application, about 3 hours to revise the terms of an award, and about 8 hours per report to prepare and submit financial and performance reports, including time to maintain records and gather information. Actual time for these activities will vary depending on program-specific requirements. You may send comments on the burden estimate or any other aspect of this information collection to the Information Collection Clearance Officer, U.S. Fish and Wildlife Service, MS BPHC, 5275 Leesburg Pike, Falls Church, VA 22041-3803.

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A. Program Description

Authority:

Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990, 16 U.S.C. 4721-28, as amended.

Assistance Listing Number:

15.608

Background, Purpose and Program Requirements:

On March 2, 2021, USGS scientists confirmed a report of zebra mussels (*Dreissena polymorpha*) attached and inside Marimo moss balls sold as aquarium plants. The USGS subsequently issued an alert through the Nonindigenous Aquatic Species (NAS) database. As this alert was shared and the incident evolved, zebra mussels were found in Marimo moss ball shipments across the country. In response to the NAS database alert and additional partner messaging, 46 states and 11 Canadian provinces and territories reported the presence of both live and dead zebra mussels in Marimo moss ball products from various retailers. Zebra mussels are one of the most destructive and costly invasive species in North America and are Federally regulated as injurious wildlife under Title 18 of the Lacey Act, which prohibits their importation into the United States and transport between the continental United States, the District of Columbia, Hawaii, and the Commonwealth of Puerto Rico. A significant concern is that live mussels carried by the moss balls may escape or be released into a waterway. Zebra mussels have invaded the Great Lakes drainage, much of the Mississippi River Basin, and parts of the lower Colorado River. Preventing their spread into uninfested waters within the United States, such as Alaska, the Pacific Northwest, and Mountain West, remains a high management priority for Federal, State, and tribal agencies as well as impacted industries and stakeholders.

The moss ball incident emphasized not only the aquatic plant industry as a potential pathway for aquatic invasive species (AIS), but also the need for a comprehensive approach to defend the United States from new invasive species. Such an approach would include the ability to detect and halt the import of products contaminated with potentially invasive species into the U.S., as well as to address AIS contaminated products already commercially available within the U.S. Assessing the multi-agency response and identifying short- and long-term recommendations in a timely manner can build on the momentum currently generated around early-detection and rapid response as well as provide information to improve responses in the future.

Description of Funding Opportunity

The incident involving moss balls elicited calls for action at local, state, tribal, regional, national, and international levels to:

1. Stop the importation of zebra mussel contaminated moss ball products into the United States,
2. Locate and dispose of existing contaminated products in the U.S. supply chain, and
3. Conduct outreach to industry and home aquarists to prevent the release of zebra mussels into the environment..

The response provides a unique opportunity to review, evaluate, and recommend strategies to prevent and to rapidly respond to the introduction, establishment, and spread of AIS in the waters of the United States. Accordingly, the U.S. Fish and Wildlife Service (FWS or Service) requests proposals to conduct an assessment and draft an after-action report for the Marimo moss ball incident that is national in scope to evaluate the effectiveness and timeliness of actions taken and provide recommendations for future actions needed to mitigate risk and improve preparedness for response.

It is anticipated that the work will be completed through a cooperative agreement with the Service. Service staff will be substantially involved throughout the assessment to provide details about the response, to provide additional points of contact, and access to additional documents that may be needed to adequately assess the moss ball response. However, it is expected that the grantee will draft the report and develop conclusions and recommendations independently.

Objectives to be addressed under this assessment include:

- Establish the timeline of actions taken to respond to the Marimo moss ball incident;
- Describe the roles and responsibilities of applicable Federal agencies, including interaction with state agencies and industry sectors;
- Evaluate the working relationship among Federal agencies at ports of entry;
- Identify potential obstacles to effective import regulation at the Federal level associated with the commerce of aquatic organisms known to be associated with the aquarium, water garden, and pet trade;
- Evaluate information sharing (timing, mechanisms, and content) between and among the multiple parties (e.g., Federal and State agencies, industry sectors, businesses, public) involved throughout the response; and
- Identify potential strengths, gaps, and limitations of the Federal response.

Following award selection, the successful applicant must provide a draft outline of the report that will be used to communicate the results of the assessment. A Review Team, composed of Service staff and invited subject matter experts will review the draft outline and provide feedback to ensure that all anticipated deliverables will be met.

Overall, the report should:

- Summarize the manner and timing of actions that occurred to respond to the moss ball incident, including those taken by Federal and State agencies, regional organizations, and industry;
- Identify gaps in regulation, enforcement, and other authorities, commenting on changes that may be needed to prevent similar circumstances;
- Provide recommendations for actions needed to:
 - Mitigate risk from the aquarium, water garden, and pet trade prior to, at the point of entry, and after entry into U.S. commerce;
 - Improve preparedness for response to AIS introductions; and
 - Address other issues identified through the analysis.

Following the completion of the draft outline, the grantee will be required to meet with the Review Team, either in person or virtually, to discuss a defined work plan and identify areas where assistance or information is needed for the assessment. Six months after the agreed upon

work plan is implemented, the grantee must provide an accomplishment report (approximately 2 pages) to update the Review Team on the plan's progress.

Outcomes from this assessment will be directly applicable to preventing species from being introduced into and spreading within the United States with a focus on pathways associated with the commerce of living organisms, including the aquarium, water garden, and pet trade which are identified as high-risk pathways of introduction. Once the assessment is complete, the grantee will be required to present (30 – 45 minutes, in person or virtually) the findings and recommendations to the Aquatic Nuisance Species (ANS) Task Force. Recommendations from the report will also be shared through existing forums (e.g., the ANS Task Force, National Invasive Species Council, North American Invasive Species Management Association, National Invasive Species Awareness Week).

B. Federal Award Information

B1. Total Funding

Estimated Total Funding

\$50,000

The Service anticipates an award of up to \$50,000 to conduct one assessment of the moss ball response, as described above. Proposals will be accepted from groups or individuals that demonstrate competence and experience in all areas of expertise required by the scope of services including invasive species, policy analysis, interagency coordination, and Incident Command System structure. It is preferred that the assessment begin promptly after the award selection is finalized and be completed within twelve months after the award is made.

B2. Expected Award Amount

Maximum Award

\$50,000

Minimum Award

\$1

B3. Expected Award Funding and Anticipated Dates

Expected Award Funding

\$50,000

Expected Award Date

July 08, 2022

The Service anticipates an award of up to \$50,000 to conduct one assessment of the moss ball response, as described above. Proposals will be accepted from groups or individuals that demonstrate competence and experience in all areas of expertise required by the scope of services including invasive species, policy analysis, interagency coordination, and Incident Command System structure. It is preferred that the assessment begin promptly after the award

selection is finalized and be completed within twelve months after the award is made.

B4. Number of Awards

Expected Number of Awards

1

B5. Type of Award

Funding Instrument Type

CA - Cooperative Agreement

The Service will be substantially involved in projects under this funding opportunity. In particular, the Service will be responsible for providing details about the species actions and timing of the response, points of contact for additional information on the response, and other documents that may be needed to adequately assess the moss ball response.

C. Eligibility Information

C1. Eligible Applicants

Eligible Applicants

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

Additional Information on Eligibility

C2. Cost Sharing or Matching

Cost Sharing / Matching Requirement

No

Percentage of Cost Sharing / Matching Requirement

C3. Other

Foreign Entities or Projects:

State Sponsors of Terrorism: This program will not fund projects in [countries determined by the U.S. Department of State to have repeatedly provided support for acts of international terrorism](#) and therefore are subject to sanctions restricting receipt of U.S. foreign assistance and other financial transactions.

Office of Foreign Assets Control Sanctions: This program will not fund projects in countries subject to [comprehensive sanction programs administered by the U.S. Department of Treasury, Office of Foreign Asset Control](#) without proper licenses.

In-Country Licenses, Permits, or Approvals: Entities conducting activities outside the U.S. are responsible for coordinating with appropriate U.S. and foreign government authorities as necessary to obtain all required licenses, permits, or approvals before undertaking project activities. The Service does not assume responsibility for recipient compliance with the laws, regulations, policies, or procedures of the foreign country in which they are conducting work.

Excluded Parties:

The DOI conducts a review of the SAM.gov Exclusions database for all applicant entities and their key project personnel prior to award. The DOI 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

Program Website Link

D2. Content and Form of Application Submission

SF-424, Application for Federal Assistance

All applicants must submit the Standard Form (SF)-424, Application for Federal Assistance. This form is available with the announcement on Grants.gov and in GrantSolutions. The form must be complete and signed by an Authorized Representative. For all applicants except private citizens, the Authorized Representative's signature on a standard application form submitted to the Service represents their certification that the entity's financial management system meets [2 CFR §200.302](#) financial management requirements. The non-Federal entity's financial management system must be sufficient to:

1. Permit the preparation of required reports;
2. Trace funds to a level of expenditures adequate to establish that the entity has used such funds per Federal statutes, regulations, and terms and conditions of the Federal award;
3. Provide for the requirements in [2 CFR §200.302\(b\)](#); and
4. Comply with [§200.334](#) Retention requirements for records, [§200.335](#) Requests for transfer of records, [§200.336](#) Methods for collection, transmission, and storage of information, and [§200.337](#) Access to records.

When completing the SF-424 Application form, enter only the amount requested from this Federal program in Box 18a, Estimated Federal Funding. Include any other Federal sources of funding in Box 18e, Estimated Other Funding and identify any such sources and amounts in the required Budget Narrative (see below). For individuals applying as a private citizen (i.e., unrelated to any business or nonprofit organization you may own or operate in your name), do NOT include your Social Security Number on this or any other document to be submitted with your application! When completing the SF-424 Application form, individuals must enter in Box 8b, Employee/Taxpayer Identification Number (EIN/TIN) the substitute number "444-44-

4444” and in Box8c. For organizational DUNS substitute number “123456789”. For UEI substitute the number "000123456789".

Starting on Friday, April 1, 2022, GrantSolutions will be migrating from DUNS number to UEI. The UEI transition will include replacing the SF-424 v3 form (which includes the DUNS number) in the GrantSolutions application kit with the SF-424 v4 form (which includes the UEI).

Applications using the SF-424 v3 form must be submitted no later than March 31, 2022.

Applications using the SF-424 v4 form can be submitted prior to April 1, 2022, however, it will not be processed in GrantSolutions until April 4, 2022

SF 424B, Assurances for Non-Construction Programs

Individuals applying for and receiving funds separate from a business or non-profit organization he/she may own or operate, and entities waived from the SAM.gov registration requirements by the funding bureau or office must submit the signed and dated SF-424B, Assurances for Non-Construction Programs form. All required application forms are available with this announcement on Grants.gov and in GrantSolutions.

Project Abstract Summary (OMB Number 4040-0019)

Applicants must complete and submit the Project Abstract Summary form. The Project Abstract Summary form must provide a brief award description. The description must be in plain language that the public can understand without viewing the full application proposal. It should include a brief, simple description of the project purpose, activities to be performed, deliverables and expected outcomes, intended beneficiaries, and subrecipient activities, if known at the time of submission.

Do not include personally identifiable, sensitive, or proprietary information in the award description as this is available to the public. Use only English characters, numbers, punctuation, and standard symbols. Use of non-English, non-standard characters (also referred to as special or extended ASCII characters) will result in the award description failing to be reported correctly to USASpending.gov. Award descriptions are limited to 4,000 characters or less. Applicants should check the length of the award description and proofread for proper grammar and spelling.

For applicants applying through Grants.gov: Applicants must download and complete the Grants.gov “Project Abstract Summary” form from the full text announcement. To submit the Grants.gov “Project Abstract Summary” form with the application, applicants must add the form as an attachment to the Grants.gov “Attachments” form that is included in the application package.

For applicants applying through GrantSolutions-Grants Management Module (GS-GMM): Applicants must enter the information in the Project Abstract Summary screen. Do not upload a document in place of entering the information directly into GS-GMM Project Abstract Screen.

Project Narrative

SF-424A, Budget Information for Non-Construction Programs

Applicants must complete and submit the SF-424A Budget Information form for Non-Construction Programs or Projects. All required application forms are available with this announcement on Grants.gov or in GrantSolutions. Federal award recipients and subrecipients are subject to Federal award cost principles in Title 2 of the Code of Federal Regulations (CFR) part 200. Applicants must show funds requested from this Federal program separately from any other Federal sources of funding. In “Section A – Budget Summary” on the SF-424A form enter the funding requested from this Federal program in the first row. Identify any other Federal funding sources and amounts in the required Budget Narrative (see below).

Budget Narrative

Describe and justify requested budget items and costs. Detail how the SF-424 Budget Information, Object Class Category totals were determined. For personnel salary costs, include the baseline salary figures and the estimates of time. Describe any proposed item of cost that requires prior approval under the Federal cost principles, including any anticipated subawarding, transferring or contracting out of any work under the award. See [2 CFR §200.407](#) for more information. If equipment purchased previously with Federal funds is available for the project, provide a list of that equipment and identify the Federal funding source. Identify any cash or in-kind contributions that a partner or other entity will contribute to the project and describe how the contributions directly and substantively benefit completion of the project. For in-kind contributions, identify the source, the amount, and the valuation methodology used to determine the total value. See [2 CFR §200.306](#) for more information.

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 sub recipients, 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 sub recipients.

- 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 §18](#) and [31 USC §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.

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 §200.339](#), Remedies for noncompliance, including suspension or debarment (see also [2 CFR §180](#)).

Uniform Audit Reporting Statement

All U.S. states, local governments, Indian tribes, institutions of higher education, 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](#), in accordance with 2 CFR 200 subpart F. U.S. state, local government, Indian tribes, institutions of higher education, 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 [43CFR 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](#).

Disclosure of Lobbying Activities

Applicants and recipients must not use any federally appropriated funds (annually appropriated or continuing appropriations) or matching funds under a Federal award to pay any person for lobbying in connection with the award. Lobbying is influencing or attempting to influence an officer or employee of any U.S. agency, a Member of the U.S. Congress, an officer or employee of the U.S. Congress, or an employee of a Member of the U.S. Congress connection with the award. Applicants and recipients must complete and submit the [SF-LLL, "Disclosure of Lobbying Activities"](#) form if the Federal share of the proposal or award is more than \$100,000 and the applicant or recipient has made or has agreed to make any payment using non-appropriated funds for lobbying in connection with the application or award. The SF-LLL form is available with this Funding Opportunity on Grants.gov. See 43 CFR, Subpart 18.100 for more information on when additional submission of this form is required.

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 regard 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 regard 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 regard 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. When overlap exists, your statement must end with “We understand that if at any time we receive funding from another source that is duplicative of the funding we are requesting from the U.S. Fish and Wildlife Service in this application, we will immediately notify the U.S. Fish and Wildlife Service point of contact identified in this Funding Opportunity in writing.”

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 an individual (i.e., unrelated to any business or nonprofit organization you may own, operate, or work within), or any entity with an exception to bypass SAM.gov registration with prior approval from the funding bureau or office in accordance with bureau or office policy. All other applicants are required to register in SAM.gov prior to submitting a Federal award application and obtain a [Unique Entity Identifier \(UEI\)](#) which will replace Data Universal Numbering System (DUNS) number from Dun & Bradstreet in April 2022. A Federal award may not be made 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 the applicant is not qualified to receive an award. Applicants registering in SAM.gov prior to April 2022 may still be required to obtain a DUNS number prior to completing the registration process within SAM.gov. Federal award recipients must also 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. **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

In April 2022, the Federal Government will stop requiring DUNS numbers. At that point, entities doing business with the government will use the Unique Entity Identifier (UEI) created in SAM.gov in place of a DUNS number. A UEI will be assigned to entities upon registering with SAM.

If an entity is applying for federal financial assistance prior to April 2022, a DUNS number may still be required as part of the SAM registration process. A DUNS Number can be requested through the Dun & Bradstreet website. The official website address is <http://fedgov.dnb.com/webform>. For technical difficulties, go to www.dnb.com/govtduns. 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 (version 3).

Register with the System for Award Management (SAM)

Applicants can register on the [SAM.gov](https://sam.gov) website. The “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. Applicants can 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 made to the entity’s IRS information. If applicable, foreign entities who want to receive payment directly to a U.S. bank account must enter and maintain valid, current banking information in SAM.

D4. Submission Dates and Times

Due Date for Applications

04/29/2022

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

Application Due Date Explanation

This funding opportunity will be open for the required 60 days. All applicants are required to submit the required materials to the program officer by the deadline in order to be eligible for the annual funding award.

D5. Intergovernmental Review

An intergovernmental review may be required for applications submissions from a U.S. state or local government prior to submission. Applicants must contact their State’s Single Point of Contact (SPOC) to comply with the state’s process under [Executive Order 12372](#). The State Single Point of Contact list is available on the [OMB Office of Federal Financial Management website](#).

D6. Funding Restrictions

Indirect Costs: Individuals

Individuals applying for and receiving funds separate from a business or non-profit organization they may operate are not eligible to charge indirect costs to their award. If you are an individual applying for funding, you must not include any indirect costs in your proposed budget.

Indirect Costs: Organizations

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 (DOI) is your organization's cognizant agency, the Interior Business Center (IBC) will negotiate your indirect cost rate. Contact the IBC 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 may not shift unallowable indirect costs to another Federal award unless specifically authorized to do so by legislation.

Required Indirect Cost Statement to be submitted by Organization:

U.S. state or local government entities receiving more than \$35 million in direct Federal funding must include the following statement in their application and attach a copy of their most recently negotiated rate agreement:

- We are a U.S. state or local government entity receiving more than \$35 million in direct Federal funding. We submit our indirect cost rate proposals to our cognizant agency. Our current indirect cost rate is [insert rate]. Attached is a copy of our most recently negotiated rate agreement/certification.

U.S. state or local government entities receiving \$35 million or less in direct Federal funding must include the applicable statement from this list:

- We are a U.S. state or local government entity receiving \$35 million or less in direct Federal funding. We prepare and retain for audit an indirect cost rate proposal and documentation per 2 CFR 200, Appendix VII. Our current indirect cost rate is [insert rate], which is charged against [insert a complete description of the direct cost base used to distribute indirect costs to the award].
- We are a U.S. state or local government entity receiving \$35 million or less in direct Federal funding. We have not prepared an indirect cost rate proposal and documentation per 2 CFR §200, Appendix VII and elect to charge the de minimis rate of 10% of Modified Total Direct Costs as defined in 2 CFR §200.1. We understand we must use this methodology consistently for all Federal awards until we choose to establish a rate per 2 CFR §200. We understand we must notify the Service in writing if we establish a rate that changes the methodology used to charge indirect costs 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.

All other organizations must include the applicable statement from this list and any related documentation in their application. Please note, an organization with a current negotiated (including provisional) rate may not elect to charge the 10% de minimis rate of Modified Total Direct Costs during the period covered by their current negotiated rate.

- We are an organization with a current negotiated indirect cost rate. In the event we receive an award, we will charge indirect costs per our current negotiated rate agreement. Attached is a copy of our current rate agreement.

- We are an organization with a negotiated indirect cost rate that has expired. Attached is copy of our most recently negotiated rate agreement. 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. We understand we must provide the Service a copy of our approved rate agreement before charging indirect costs to the Federal award.
- We are an organization that has never negotiated an indirect cost rate with our cognizant agency. Our indirect cost rate is [insert rate], which is charged against [insert a complete description of the direct cost base used to distribute indirect costs to the award]. 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. We understand we must provide the Service a copy of our approved rate agreement before charging indirect costs to the Federal award.
- We are an organization that does not have a current negotiated (including provisional) rate. In the event an award is made, we elect to charge the de minimis rate of 10% of Modified Total Direct Costs as defined in 2 CFR §200.1. We understand we must use this methodology consistently for all Federal awards until such time as we negotiate a different rate with our cognizant agency. We understand that we must notify the Service in writing if during the award period we establish a rate that changes the methodology used to charge indirect costs to the award. We understand that additional Federal funds may not be available to support an unexpected increase in indirect costs and that such changes are subject to review, negotiation, and prior approval by the Service.
- We are an organization submitting a [insert either “Cooperative Fish and Wildlife Research Unit Program” or “Cooperative Ecosystem Studies Unit Network”] project proposal, which has an indirect cost rate cap of [insert rate; CRU is currently 15%; CESU is currently 17.5%]. In the event we receive an award, we understand that if we have a current negotiated (including provisional) rate we must charge the program’s capped indirect cost rate to the same base identified in our approved indirect cost rate agreement, per 2 CFR §1402.414. If we do not have current negotiated (including provisional) rate, we understand we must charge the capped indirect cost rate against Modified Total Direct Costs (MTDC) as defined in 2 CFR §200.1.
- We are an organization that will charge all costs directly.

D7. Other Submission Requirements

The Service requests applicants to apply electronically using GrantSolutions. To apply electronically the Applicant Organization and Organization Officials must be established in GrantSolutions. If your Organization and/or Organization Officials do not currently exist in GrantSolutions follow the instructions below.

New Organization Request

Send an email requesting a new organization to be with the following information to help@grantsolutions.gov:

- Organization/Individual Name
- POC first and last name
- POC email

- POC phone number
- Organization Type
- DUNS # (unless exempt)
- EIN (Applicants that are INDIVIDUALS SHOULD NOT include their social security number)
- Address

If your Organization is new or you do not have the appropriate officials in GrantSolutions you must also establish an individual account for each of the Organization Officials and assign the appropriate role. At a minimum the Authorizing Official and Principal Investigator/Program Director roles must be assigned. Individual Organization Official accounts may be requested by completing the [Recipient User Account Request Form](#) and emailing the completed form to at help@grantsolutions.gov.

If your organization already exists in GrantSolutions please verify that the correct Organization Officials have an individual GrantSolutions account.

If your Organization and Organization Officials already exists in GrantSolutions, please login using your existing username and password. If you do not remember your account information, please contact the GrantSolutions Help Desk at (866) 577-0771 or by email at help@grantsolutions.gov

For more information on how to apply please see [GrantSolutions Help](#) for instructions and videos.

Please contact GrantSolutions Help Desk if you have any questions regarding your account or GrantSolution issues at (866) 577-0771 or by email at help@grantsolutions.gov

If an eligible applicant cannot use GrantSolutions for a legitimate reason, application by email may be possible, but requires prior approval by the Program Technical Contact. If given approval to apply by email:

- Format all of your documents to print on letter size (8 1/2" x 11") paper. Format all pages to display and print page numbers. Where possible, save scanned documents in .pdf format. Send application by email to the Service Program Technical Contact identified in the Grants.gov funding

opportunity.

- The required SF 424 Application for Federal Assistance and Assurances forms and any other required standard forms MUST be signed by your organization's authorized official. The Signature and Date fields on the downloaded standard forms are usually pre-populated with the text

"Completed by Grants.gov upon submission" or "Completed on submission to Grants.gov". Remove this text (manually or digitally) before signing the forms

- If approved, applications provided by email must be sent by the deadline in GrantSolutions. Late applications are not eligible for consideration.

E. Application Review Information

E1. Criteria

Proposals received by the deadline will be evaluated and scored using the merit criteria and assigned weights described below:

- **Proposed Approach (50%)** - The applicant's work plan addresses all project activities, identifies specific action steps supporting each of the activities, and specifies reasonable timeframes for completion. Clearly defined deliverables meet the objectives of this assessment.
- **Experience and Capabilities (25%)** - The applicant's proposed organization, team lead, as well as personnel to serve on the project team possess skills and experience related to tasks to be performed. The management structure and time commitment of staff resources support completion of project activities and preparation of deliverables.
- **Understanding of Project Need and Requirements (20%)** - The applicant demonstrates an understanding of the scope of the project, specific activities to be completed, and deliverables to be produced. A clear connection is made between the proposed deliverables and increasing the effectiveness of prevention and rapid response actions to stop the spread of invasive species.
- **Budget (5%)** - The budget is sufficiently detailed to show how the total project cost was determined, costs appear to be reasonable.

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 FWS 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 §200.206](#). 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 §200.208](#) should be applied to the award.

A Review Team will consist of staff from the Service and other representatives as deemed appropriate. It is understood and accepted by the applicant that all recommendations about the degree to which a proposal meets the requirements of this announcement are in the sole determination of this Review Team.

To assist in the evaluation of proposals, the Review Team may, but is not required to:

- Conduct reference checks relevant to the proposal with any or all of the references cited in a proposal to verify information regarding an applicant and rely on and consider any relevant information from such cited references in the evaluation of a proposal.
- Conduct any background investigations that it considers necessary in the course of the evaluation process, and consider any relevant information resulting in the evaluation of proposals.
- Seek clarification from a proponent with respect to their proposal. Such clarification will not offer the applicant the opportunity to change or provide new information. To the extent possible, requests made by the Review Team will be sent from the email address of the Federal Awarding Agency Contact. The Review Team may negotiate selected project scopes of work and budgets prior to award. If the applicant agrees to a new scope of work or budget, the applicants will be required to submit revised SF-424 forms and narratives prior to award. Following evaluation of the proposals against the merit criteria, the Review Team will make a funding recommendation to the Service, who is the responsible federal agency decision-maker. The successful applicant shall be notified by email or regular mail of the acceptance of their proposal following completion of the proposal evaluation process.

E3. CFR – Regulatory Information

See the [Service's General 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

This program will not make announcements prior to obligating funds. Anticipated award date for funds is July 2022.

F. Federal Award Administration Information

F1. Federal Award Notices

Program specific text for federal award notices. Following review, applicants may be requested to revise the project scope and/or budget before an award is made. Successful applicants will receive written notice in the form of a notice of award document. Notices of award are typically sent to recipients by e-mail. Awards are based on the application submitted to and approved by the Service and are subject to the terms and conditions incorporated into the Notice of Award either by direct citation or by reference to the following: Federal regulations; program legislation or regulation; and special award terms and conditions. Recipient acceptance of a Federal award from the Service carries with it the responsibility to be aware of and comply with all terms and conditions applicable to the award. Recipients indicate their acceptance of the Federal award by starting work, drawing down funds, or accepting the award via electronic means.

F2. Administrative and National Policy Requirements

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

See the [Service's General Award Terms and Conditions](#) for the general administrative and national policy requirements applicable to Service 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 120 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 was not met, if appropriate; and any other pertinent information relevant to the project results. **Final** reports are due no later than 120 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 performance** 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 standard form or 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 for noncompliance described in [2 CFR §200.339](#), 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 for noncompliance described in [2 CFR §200.339](#), 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](#) that is made available in the designated integrity and performance system (currently the [Federal Awardee Performance and Integrity Information System](#)) 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:

First and Last Name:

Susan Pasko

Telephone:

703-358-2466

Email:

susan_pasko@fws.gov

G2. Program Administration

For **program administration assistance**, contact:

First and Last Name:

Telephone:

Email:

G3. Application System Technical Support

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

Grants.gov Customer Support

Numeric Input Field: 1-800-518-4726

Support@grants.gov

For GrantSolutions technical registration, submission, and other assistance contact:

GrantSolutions Customer Support

1-866-577-0771

Help@grantsolutions.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.

PAPERWORK REDUCTION ACT STATEMENT:

OMB Control Number: 1018-0100, Expiration Date: 7/31/2021

We are collecting this information in accordance with the authorizing legislation identified above. Your response is required to obtain or retain a benefit. We will use the information you provide to conduct a competitive review and select projects for funding and, if awarded, to evaluate performance. We may not conduct or sponsor and you are not required to respond to a collection of information unless it displays a currently valid Office of Management and Budget (OMB) control number. We estimate that it will take you on average about 40 hours to complete an initial application, about 3 hours to revise the terms of an award, and about 8 hours per report to prepare and submit financial and performance reports, including time to maintain records and gather information. Actual time for these activities will vary depending on program-specific requirements. You may send comments on the burden estimate or any other aspect of this

information collection to the Information Collection Clearance Officer, U.S. Fish and Wildlife Service, MS BPHC, 5275 Leesburg Pike, Falls Church, VA 22041-3803.

Synopsis

F22AS00243

Invasive Species Rapid Response After Action Report

General Information

Summary

Fiscal Year

2022

FOA FY Processing Year

2022

Opportunity Category

D (Discretionary)

Opportunity Category Explanation

CFDA

15.608

Funding Instrument Type

CA - Cooperative Agreement

Funding Activity Category

NR (Natural Resources)

FOA History

New Opportunity

Yes

Previously Published Fiscal Year

Previously Published Funding Opportunity Number

Funding Activity Category Explanation

Award Information

Cost Sharing / Matching Requirement

No

Percentage of Cost Sharing / Matching Requirement

Expected Number of Awards

1

Estimated Total Funding

\$50,000

Estimated Maximum Award

\$50,000

Estimated Minimum Award

\$1

Project Period | Expected Duration in Months

24

Key Dates**Estimated Post Date**

02/25/2022

Application Due Date

04/29/2022

Application Due Date Explanation

This funding opportunity will be open for the required 60 days. All applicants are required to submit the required materials to the program officer by the deadline in order to be eligible for the annual funding award.

Estimated Award Date

July 08, 2022

Estimated Project Start Date

August 01, 2022

Estimated Project End Date

08/01/2023

Archive Date

December 30, 2022

Eligibility Information**Eligibility Category**

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

Additional Information on Eligibility (Grants.gov 4,000/GMM 2,500 character limit)**Additional Information****Description (Grants.gov) (18,000 character limit)**

The incident involving moss balls elicited calls for action at local, state, tribal, regional, national, and international levels to:

1. stop the importation of zebra mussel contaminated moss ball products into the United States,
2. locate and dispose of existing contaminated products in the U.S. supply chain, and
3. conduct outreach to industry and home aquarists to prevent the release of zebra mussels into the environment.

The response provides a unique opportunity to review, evaluate, and recommend strategies to prevent and to rapidly respond to the introduction, establishment, and spread of AIS in the waters of the United States. Accordingly, the U.S. Fish and Wildlife Service (FWS or Service) requests proposals to conduct an assessment and draft an after-action report for the Marimo moss ball incident that is national in scope to evaluate the effectiveness and timeliness of actions taken and provide recommendations for future actions needed to mitigate risk and improve preparedness for response.

It is anticipated that the work will be completed through a cooperative agreement with the Service. Service staff will be substantially involved throughout the assessment to provide details about the response, to provide additional points of contact, and access to additional documents that may be needed to adequately assess the moss ball response. However, it is expected that the grantee will draft the report and develop conclusions and recommendations independently.

Objectives to be addressed under this assessment include:

- Establish the timeline of actions taken to respond to the Marimo moss ball incident;
- Describe the roles and responsibilities of applicable Federal agencies, including interaction with state agencies and industry sectors;
- Evaluate the working relationship among Federal agencies at ports of entry;
- Identify potential obstacles to effective import regulation at the Federal level associated with the commerce of aquatic organisms known to be associated with the aquarium, water garden, and pet trade;
- Evaluate information sharing (timing, mechanisms, and content) between and among the multiple parties (e.g., Federal and State agencies, industry sectors, businesses, public) involved throughout the response; and
- Identify potential strengths, gaps, and limitations of the Federal response.
- Following award selection, the successful applicant must provide a draft outline of the report that will be used to communicate the results of the assessment. A Review Team, composed of Service staff and invited subject matter experts will review the draft outline and provide feedback to ensure that all anticipated deliverables will be met.

Overall, the report should:

- Summarize the manner and timing of actions that occurred to respond to the moss ball incident, including those taken by Federal and State agencies, regional organizations, and industry;
- Identify gaps in regulation, enforcement, and other authorities, commenting on changes that may be needed to prevent similar circumstances;
- Provide recommendations for actions needed to:
 - Mitigate risk from the aquarium, water garden, and pet trade prior to, at the point of entry, and after entry into U.S. commerce;
 - Improve preparedness for response to AIS introductions; and
 - Address other issues identified through the analysis.

Following the completion of the draft outline, the grantee will be required to meet with the Review Team, either in person or virtually, to discuss a defined work plan and identify areas where assistance or information is needed for the assessment. Six months after the agreed upon work plan is implemented, the grantee must provide an accomplishment report (approximately 2 pages) to update the Review Team on the plan's progress.

Outcomes from this assessment will be directly applicable to preventing species from being introduced into and spreading within the United States with a focus on pathways associated with the commerce of living organisms, including the aquarium, water garden, and pet trade which are identified as high-risk pathways of introduction. Once the assessment is complete, the grantee

will be required to present (30 – 45 minutes, in person or virtually) the findings and recommendations to the Aquatic Nuisance Species (ANS) Task Force. Recommendations from the report will also be shared through existing forums (e.g., the ANS Task Force, National Invasive Species Council, North American Invasive Species Management Association, National Invasive Species Awareness Week).

Awarding Officer Contact Name

Daniel Lovdahl

Awarding Officer Contact Phone

571-424-3130

Awarding Officer Email Address

Daniel_lovadahl@fws.gov

Awarding Officer Email Description

Daniel_lovadahl@fws.gov