

## ANNOUNCEMENT OF FEDERAL FUNDING OPPORTUNITY

### EXECUTIVE SUMMARY

Federal Agency Name(s): National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce

Funding Opportunity Title: Fiscal Year 2013 NOAA Gulf of Mexico Bay-Watershed Education and Training (B-WET) Program

Announcement Type: Initial

Funding Opportunity Number: NOAA-NMFS-SE-2013-2003461

Catalog of Federal Domestic Assistance (CFDA) Number: 11.463, Habitat Conservation

Dates: Applications must be received by 5:00 p.m., Eastern Time on October 19, 2012 to be considered for funding. Hard copy applications arriving after the closing date given above will be accepted for review only if the applicant can document that the application was provided to a delivery service that guaranteed delivery prior to the specified closing date and time. In any event, hard copy applications received by NMFS later than two business days following the closing date will not be accepted.

Funding Opportunity Description: The National Marine Fisheries Service Southeast Region (Fisheries Southeast Regional Office) is seeking proposals under the Gulf of Mexico B-WET Program. The Gulf B-WET program is an environmental education program that promotes locally relevant, experiential learning in the K-12 environment. Funded projects provide Meaningful Watershed Educational Experiences (MWEEs) for students, related professional development for teachers, and help to support regional education and environmental priorities in the Gulf of Mexico. This program addresses NOAA's Long-Term Goal of "Healthy Oceans: Marine fisheries, habitats, and biodiversity are sustained within healthy and productive ecosystems" and NOAA's Engagement Enterprise Objective for "An engaged and educated public with an improved capacity to make scientifically informed environmental decisions".

## FULL ANNOUNCEMENT TEXT

### I. Funding Opportunity Description

#### A. Program Objective

The Gulf of Mexico NOAA Bay-Watershed Education and Training (Gulf B-WET) Program is an environmental education program that supports experiential learning through local competitive grant awards in specific geographic regions. Prior to 2008 B-WET Programs were established for the Chesapeake Bay, California, and the Hawaiian Islands. In 2008, three new programs began in New England, the Gulf of Mexico, and the Pacific Northwest.

For the purposes of this solicitation, the Gulf of Mexico region is defined the coastal counties in the states of Florida, Alabama, Mississippi, Louisiana, and Texas. Gulf of Mexico coastal counties are listed on page 48-49 of the following document: National Ocean Service, NOAA. 2011. The Gulf of Mexico at a Glance: A Second Glance. Washington, DC: U.S. Department of Commerce.

[http://stateofthecoast.noaa.gov/NOAAs\\_Gulf\\_of\\_Mexico\\_at\\_a\\_Glance\\_report.pdf](http://stateofthecoast.noaa.gov/NOAAs_Gulf_of_Mexico_at_a_Glance_report.pdf).

Applicants may be physically located in any U.S. state; however, education projects and actions must take place in or target the above defined Gulf of Mexico coastal counties.

NOAA recognizes that knowledge and commitment built from firsthand experience, especially in the context of one's community and culture, is essential for achieving environmental stewardship. Carefully selected experiences driven by rigorous academic learning standards, engendering discovery and wonder, and nurturing a sense of community will further connect students with their watershed, help reinforce an ethic of responsible citizenship, and promote academic achievement. Experiential learning techniques, such as those supported by the NOAA B-WET Program, have been shown to increase interest in science, technology, engineering, and math (STEM), thus contributing to NOAA's obligations under the America Competes Act (33 USC 893a(a)).

The primary delivery of the Gulf B-WET Program is through Meaningful Watershed Educational Experiences (MWEEs). For purposes of this solicitation, MWEEs are defined as follows:

-Experiences that are investigative or project oriented. Experiences should be centered around questions, problems, and issues and be investigated through data collection, observation, and hands-on activities. Experiences should stimulate observation, motivate critical thinking, develop problem-solving skills, and instill confidence in students. Where appropriate, technology such as computers, probeware, and GPS equipment, should be integrated throughout the instructional process. Experiences such as tours, gallery visits,

simulations, demonstrations, or nature walks may be instructionally useful, but alone do not constitute a meaningful experience.

-Experiences that are an integral part of the instructional program. Experiences should be clearly part of what is occurring concurrently in the classroom. The experience should be part of the curriculum and aligned with the academic standards. Experiences should occur where and when they fit into the instructional sequence. Experiences do not have to be based solely on science disciplines. Experiences could involve the use of materials, resources, and instruments to address multiple topics, such as maritime heritage, history, economics, math, English, art, and the cultural significance of our natural resources. Experiences make appropriate connections between subject areas and reflect an integrated approach to learning.

-Experiences that are part of a sustained activity. Meaningful experiences are part of a sustained activity that stimulates and motivates the student from beginning to end. Though a watershed experience itself may occur as one specific event occurring in one day, the total duration leading up to and following the experience should involve a significant investment of instructional time. An experience should consist of three general parts - a preparation phase; an action phase; and a reflection phase. Projects should provide teachers with the support, materials, resources, and information needed to conduct these three parts.

a. The preparation phase should focus on a question, problem, or issue and involve students in discussions about it.

b. The action phase should include one or more outdoor experiences sufficient to conduct the project, make the observations, or collect the data required.

c. The reflection phase should refocus on the question, problem, or issue; analyze the conclusions reached; evaluate the results; assess the activity and the learning; and include sharing and communication of the results.

-Experiences that consider the watershed as a system. Meaningful watershed educational experiences should make a direct connection to the marine or estuarine environment. Experiences do not have to be water-based activities; as long as there is an intentional connection made to the watershed, water quality, and the coastal and marine environment, watershed experiences may include terrestrial activities (e.g., erosion control, buffer creation, groundwater protection, and pollution prevention).

-Experiences that are enhanced by NOAA products, services, or personnel. NOAA has a wealth of applicable products and services as well as a cadre of scientific and professional experts that can heighten the impact of outdoor experiences. For example, NOAA data can be used to supplement or contextualize the information collected by students. In addition, the inclusion of NOAA products and services in classroom activities will increase awareness of the agency's vast resources and may lead to better understanding of its mission. NOAA

personnel have technical knowledge and experience that can serve to complement the classroom teacher's strengths and augment the array of resources for the learning. Additionally, these professionals can serve as important role models for career choices and as natural resources stewards, thus promoting science, technology, engineering, and math (STEM) careers.

## B. Program Priorities

Proposals must address one of the three areas of interest: (1) Meaningful Watershed Educational Experiences for Students; (2) Professional Development for Teachers related to Meaningful Watershed Educational Experiences; (3) Exemplary Programs combining Teacher Professional Development with long-term classroom-integrated Meaningful Watershed Educational Experiences for their students. In addition to the three program priorities above, one additional factor will be taken into consideration in making funding recommendations: (4) Regional Priorities of the Gulf B-WET Program. Each of these for priorities is described below.

### 1. Meaningful Watershed Educational Experiences for Students (MWEEs)

The NOAA B-WET Program seeks proposals for projects that provide opportunities for students to participate in a Meaningful Watershed Educational Experience. The marine and estuarine environment and the surrounding watershed provide an excellent opportunity for environmental education. In many cases, tidal and non-tidal waters and the landscape around them can provide "hands-on" laboratories where students can see, touch, and learn about the environment. In other cases, the environment can be brought alive to the classroom through a strong complement of outdoor and classroom experiences. The watershed environment can provide a genuine, locally relevant source of knowledge that can be used to help advance student learning skills across the entire school curriculum. Proposals submitted under this area should address the specific elements and types of activities that define a Meaningful Watershed Educational Experience (definition above).

### 2. Professional Development for Teachers related to Meaningful Watershed Educational Experiences (MWEEs)

The NOAA B-WET Program seeks proposals for projects that provide teachers opportunities for professional development in the area of environmental education. As the purveyors of education, teachers can ultimately make meaningful environmental education experiences for students by weaving together classroom and field activities within the context of their curriculum and of current critical issues that impact the watershed. Systematic, long-term professional development opportunities will reinforce a teacher's ability to teach, inspire, and lead young people toward thoughtful stewardship of our natural resources.

Proposals submitted under this area should be designed so that teachers not only understand what a Meaningful Watershed Educational Experience is, but why this type of pedagogy is important. The goal is to ensure that professional development experiences for the teacher ultimately benefit the student. Projects should be designed so that teachers are capable of conducting a meaningful watershed educational experience and provide the resources and necessary technical support needed to implement an experience in their classroom.

### 3. Exemplary Programs combining Teacher Professional Development and Meaningful Watershed Educational Experiences (MWEEs) for their Students

The NOAA B-WET Program seeks proposals for exemplary projects that combine Teacher Professional Development with long-term classroom-integrated Meaningful Watershed Educational Experiences for their Students. Systematic, long-term professional development for teachers coupled with multiple meaningful watershed experiences for students that are fully supported in the classroom by their teachers will ensure that the concepts of watershed education are fully reinforced throughout the school year.

### 4. Regional Priorities of the Gulf B-WET Program

The Gulf of Mexico B-WET Program responds to regional education and environmental priorities through local implementation. Therefore, in addition to addressing one of the three programmatic priorities, programs are asked to employ meaningful watershed educational experiences that address the coastal resource priorities outlined by the major regional policy body: The Gulf of Mexico Alliance.

The Gulf of Mexico Alliance is a partnership of the states of Alabama, Florida, Louisiana, Mississippi, and Texas, with the goal of significantly increasing regional collaboration to enhance the ecological and economic health of the Gulf of Mexico. The five U.S. Gulf States have identified six initial priority issue areas that are regionally significant and can be effectively addressed through increased collaboration at local, state, and federal levels.

#### Priority Areas:

- Water quality for healthy beaches and shellfish beds
- Wetland and coastal conservation and restoration
- Environmental education
- Identification and characterization of Gulf habitats
- Reducing nutrient inputs to coastal ecosystems

- Coastal community resiliency

For more information about these priorities please visit the NOAA Office of Education National B-WET website at: <http://www.oesd.noaa.gov/grants/bwet.html> and the Gulf of Mexico Alliance website at: <http://www.gulfofmexicoalliance.org/>

### C. Program Authority

Authority for the NOAA Bay-Watershed Education and Training Program is provided by the following: 33 U.S.C. 893a(a) America Competes Act.

## II. Award Information

### A. Funding Availability

It is anticipated that approximately \$700,000 will be available in FY 2013 for new awards. NOAA anticipates making approximately 4 to 7 new awards during FY 2013. The total Federal amount that may be requested from NOAA shall not exceed \$100,000. The minimum Federal amount that must be requested from NOAA is \$25,000. Applications requesting Federal support from NOAA for more than \$100,000 will not be considered for funding.

There is no guarantee that sufficient funds will be available to make awards for all qualified projects. The exact amount of funds that may be awarded will be determined in pre-award negotiations between the applicant and NOAA representatives. Publication of this notice does not oblige NOAA to award any specific project or to obligate any available funds. If applicants incur any costs prior to an award being made, they do so at their own risk of not being reimbursed by the government. Notwithstanding verbal or written assurance that may have been received, there is no obligation on the part of NOAA to cover pre-award costs unless approved by the Grants Officer as part of the terms when the award is made.

### B. Project/Award Period

The project start date should not begin before July 1, 2013. The period of awards may be for a maximum period of up to 24 months. Applications must include a project description and a budget for the entire award period. Applicants selected to receive funding may be asked to modify the project start date. It is recommended to include in your project description the flexibility of the requested start date.

### C. Type of Funding Instrument

Proposals selected for funding will be funded through a grant or cooperative agreement depending upon the amount of collaboration, participation, or involvement of NOAA in the management of the project. A cooperative agreement will be used if the NOAA B-WET

Program shares responsibility for management, control, direction, or performance of the project with the recipient. Specific terms regarding substantial involvement will be contained in special award conditions.

### III. Eligibility Information

#### A. Eligible Applicants

Eligible applicants are K-12 public and independent schools and school systems, institutions of higher education, nonprofit organizations, state or local government agencies, interstate agencies, and Indian tribal governments.

Applicants may be physically located in any U.S. state; however, education projects and actions must take place in or target Gulf of Mexico coastal counties, which are listed on page 48-49 of the following document: National Ocean Service, NOAA. 2011. The Gulf of Mexico at a Glance: A Second Glance. Washington, DC: U.S. Department of Commerce. [http://stateofthecoast.noaa.gov/NOAAs Gulf of Mexico at a Glance report.pdf](http://stateofthecoast.noaa.gov/NOAAs_Gulf_of_Mexico_at_a_Glance_report.pdf)

Additionally, priority will be given to applicants who 1) show prior experience in working in the Gulf of Mexico region, 2) show prior experience with Gulf of Mexico regional issues, or 3) demonstrate partnerships with local organizations in the Gulf of Mexico region on proposed projects.

#### B. Cost Sharing or Matching Requirement

Cost-sharing is not required for this program.

#### C. Other Criteria that Affect Eligibility

Not applicable.

### IV. Application and Submission Information

#### A. Address to Request Application Package

Application packages are available through [www.grants.gov](http://www.grants.gov). If applicants do not have internet access, applications may be requested from: Amy Clark, Gulf of Mexico B-WET Program Manager, NOAA Fisheries Southeast Regional Office, Building 1100, Room 202D, Stennis Space Center, MS 39529, (228) 688-1520, Amy.Clark@noaa.gov; or from: Jeff Brown, NOAA Fisheries Southeast Regional Office, 263 13th Avenue South, St. Petersburg, FL 33701, (727) 551-5732, Jeff.Brown@noaa.gov.

#### B. Content and Form of Application

Proposals should follow the content and format described below. Applicants should not assume prior knowledge on the part of the Fisheries Southeast Regional Office or the reviewers as to the relative merits of the project described in the application.

1. Format Requirements:

All pages should be single-spaced and should be composed in at least a 10-point font with one-inch margins on 8 1/2 x 11 inch paper. The project description should not exceed 15 pages, exclusive of project summary, literature cited, budget information, resumes of investigator, letters of support, data sharing plan, and federal forms. Any attachment included in an electronic application should meet the above format requirement when printed out. All documents submitted as electronic application elements should be PDF (rather than MS Word, Excel, or other files types).

2. Content Requirements:

The following Federal Forms are mandatory.

(1) Application for Federal Assistance: SF-424. Funding on this form should reflect the total funding requested in the application.

(2) Budget Information, Non-construction Programs: SF-424A.

(3) Assurances, Non-Construction Programs: SF-424B

Additionally, the following Department of Commerce forms may be required:

(4) Certifications Regarding Debarment, Suspension, and other Responsibility Matters: Drug Free Workplace Environment: CD-511

(5) Disclosure of Lobbying Activities: SF-LLL (if applicable)

The following information should be included in applications.

a. Project Summary (1-page limit): It is critical that the project summary accurately describes the project being proposed and conveys all essential elements and objectives of the activities. It is imperative that potential applicants tie their proposals to the program priorities described in Section I.B. The project summary should include: Organization title; Principal Investigator(s); Address, telephone number, and email address of Principal Investigator(s); MWEE Priority addressed (i.e., Meaningful Watershed Educational Experiences for Students, Professional Development for Teachers related to Meaningful Watershed Educational Experiences, or Exemplary Programs); GOMA Priority(ies) addressed; Project title; Project duration; Summary of work to be performed during the project period: 3-5 sentences that succinctly describe the entire project period (including number of teachers/students to be reached); Project objectives; Funding request (Total

Federal funding requested this fiscal year, Cost-sharing to be provided from non-Federal sources if any, Total project cost this fiscal year, Cost per student and/or teacher.

b. Project Description (15-page limit): The project description should describe and justify the project being proposed and address each of the evaluation criteria as described below in Section V. Project descriptions should include clear objectives and specific approaches to achieving those objectives, including methods, timelines, and expected outcomes. Project descriptions should include the number of teachers and/or students to be reached each year of the proposed project. Project descriptions should outline how the project proposes to implement each component of a meaningful watershed educational experience, including alignment with state standards and classroom curricula. In addition, project descriptions should include:

i. Outreach and education description: Projects should include significant external sharing and communication. Projects should include a mechanism that encourages students and/or teachers to share their experiences with peers and with the environmental education community, e.g., through mentoring opportunities, presentations at conferences, in-school service days, or other public forums, and media.

ii. Benefits or results expected: Identify and document the results or benefits to be derived from the proposed activities of the entire prospective project. Include the number of students and/or teachers directly affected by this grant. Also, include a per-teacher and/or per-student cost calculation for this project.

iii. Project evaluation description: Evaluation here is defined as the systematic collection and documentation of information about your project's outcomes in order to improve the project's effectiveness, guide judgments about its impact, and/or inform decisions about future programming or funding. For detailed information on how to create an evaluation plan, please use the California B-WET website at <http://sanctuaries.noaa.gov/education/evaluation/welcome.html>. In addition, grantees will be required to participate in a national level B-WET evaluation as a condition of funding.

c. Literature Cited: If references are cited, proposals should include a literature cited list.

d. Letters of Support/Partnerships: Letters of support from each partner that is making a significant contribution to the project should be included with the application package. Wherever reasonable, proposals should include partnerships with school divisions and/or the state department of education (if the applicant is not one of these entities). Projects are also encouraged to collaborate with NOAA entities as partners. NOAA entities include programs, offices, and organizations, such as the National Estuarine Research Reserve System, National Marine Sanctuary Program, National Sea Grant College Program, National Weather Service Weather Forecast Offices, NOAA Marine Debris Program, NOAA Office of Ocean

Exploration, NOAA Cooperative Institutes, and Regional Associations of the Integrated Ocean Observing System.

e. Budget and Budget Justification: In addition to the SF424A Budget Information form, applicants should include a detailed budget justification, or budget narrative. Also, applicants should complete and submit the B-WET budget template found at <http://sero.nmfs.noaa.gov/outreach/pdfs/budgettemplate.xls>. All budget information submitted with the application should match the dollar amounts on required SF-424 and SF-424A forms. Indicate matching funds, if provided, in a separate column. Provide justifications for all budget items in sufficient detail to enable the reviewers to evaluate the appropriateness of the funding requested.

It is anticipated that grant recipients will be asked to attend a two-day Regional B-WET conference to be held in one of the Gulf States, and a National B-WET conference, at some point during the award period. The conferences will be an opportunity for former and current B-WET grant recipients to present their B-WET projects and learn from each other. Your budget should include, in the travel category, estimated funds for these trips (such as meals, lodging, airfare and/or other transportation including rental car, shuttle, or taxi). Although this is considered an outreach and education opportunity, it should not be the sole justification to meet the outreach and education criteria; local, regional or national communication is required as well.

f. Resumes (2 pages maximum for each major participant)

g. Data Sharing (2-page limit): Environmental data and information collected or created under NOAA grants or cooperative agreements must be made visible, accessible, and independently understandable to general users in a timely manner (typically no later than two (2) years after the data are collected or created), free of charge or at minimal cost to the user that is no more than the cost of distribution, except where limited by law, regulation, policy or security requirements.

Unless otherwise noted in the federal funding announcement, a Data Sharing Plan of no more than two pages shall be required as part of the proposal. A typical plan should include descriptions of the types of environmental data created during the course of the project; the tentative date by which data will be shared; the expected temporal and spatial coverage of the data; the standards to be used for data/metadata format and content; policies addressing data stewardship and preservation; and procedures for providing access, sharing, and security. Because NOAA believes it important that data sets developed with its support should be shared with the scientific community, PIs should also indicate how and when they have made their data accessible and usable by the community in the past. The Data Sharing Plan will be reviewed as part of the NOAA Standard Evaluation Criterion "Importance and/or relevance and applicability of proposed project to the mission goals."

The Data Sharing Plan (updated as needed) must be made available publicly at time of award and must remain available until the Environmental Data are made available publicly.

#### C. Submission Dates and Times

Applications must be received by 5:00 p.m., Eastern Time on October 19, 2012 to be considered for funding. Applications received after the deadline will be rejected / returned to the sender without further consideration. For applications submitted through grants.gov, a date and time receipt indication is included and will be the basis of determining timeliness. Hard copy submissions will be dated and time stamped when they are received in the NMFS office. Hard copy applications arriving after the closing date given above will be accepted for review only if the applicant can document that the application was provided to a delivery service that guaranteed delivery prior to the specified closing date and time; in any event, hard copy applications received by NMFS later than two business days following the closing date will not be accepted. Faxed or emailed copies of applications will not be accepted.

Additional information about Grants.gov submissions: Applicants are strongly encouraged not to wait until the application deadline date to begin the application process through <http://www.grants.gov>. Applicants must have a Dun and Bradstreet Data Universal Numbering System (DUNS) number ([www.dnb.com](http://www.dnb.com)) and be registered in the Central Contractor Registry (CCR) ([www.ccr.gov](http://www.ccr.gov)). Allow a minimum of thirty days to receive a DUNS number and to be registered in CCR. Validation or rejection of your application by Grants.gov may take up to 2 business days after submission. Because first-time registration with Grants.gov can take up to three weeks, it is strongly recommended that this registration process be completed as soon as possible. Also, even if an applicant has registered with Grants.gov previously, the applicant's password may have expired or their central contractor registration may need to be renewed prior to submitting to Grants.gov. Grants.gov will not accept submissions if the applicant has not been authorized or if credentials are incorrect. Authorizations and credential corrections can take several days to establish. Please consider these notes in developing your submission timeline.

#### D. Intergovernmental Review

Applications submitted by state and local governments are subject to the provisions of Executive Order (E.O.) 12372, Intergovernmental Review of Federal Programs. Any applicant submitting an application for funding is required to complete item 16 on SF-424 regarding clearance by the State Single Point of Contact (SPOC) established as a result of E.O. 12372. To find out about and comply with a State's process under EO 12372, the names, addresses and phone numbers of participating SPOCs are listed in the Office of Management and Budget's home page at: [http://www.whitehouse.gov/omb/grants\\_spoc](http://www.whitehouse.gov/omb/grants_spoc).

#### E. Funding Restrictions

Indirect Costs - If the applicant does not have a negotiated indirect cost rate agreement with a Federal agency, then they may direct cost all charges, or submit a request to establish a rate. The Federal share of indirect costs proposed must not exceed 25 percent of the total direct costs identified on Standard Form 424A Budget Information. The indirect rate is fixed at 25 percent in order to maximize the funds available for this program and to allow applicants to recover a reasonable indirect cost.

Construction is not an allowable activity under this program. Therefore, applications will not be accepted for construction projects.

#### F. Other Submission Requirements

Please refer to important information in IV.C. "Submission Dates and Times" above to help ensure your application is received on time.

Applications must be submitted through [www.grants.gov](http://www.grants.gov) unless an applicant does not have internet access. In that case, a hard copy with original signatures may be sent to: Jeff Brown, National Marine Fisheries Service, State/Federal Liaison Branch, 263 13th Avenue South, St. Petersburg, FL 33701, phone: 727-551-5732. Emailed or faxed applications cannot be accepted.

### V. Application Review Information

#### A. Evaluation Criteria

Applications responsive to this solicitation will be evaluated by three or more appropriate private and/or public sector experts to determine their technical merit. These reviewers will provide individual evaluations of the proposals. No consensus advice will be given. These reviewers provide comments and assign scores to the applications based on the following criteria, with the points shown in parentheses:

1. Importance and/or relevance and applicability of proposal to the program goals (30 points)

This criterion ascertains whether there is intrinsic value in the proposed work and/or relevance to NOAA, federal, regional, state, or local activities. For the NOAA Gulf of Mexico B-WET Program, this includes:

- Does the project make a direct connection to the greater marine or estuarine environment? (5 points)

- Does the proposal make an intentional connection to the watershed system and how actions within that system can affect the marine and estuarine environment? (5 points)

- What is the likelihood of the proposed educational and environmental activities to improve the general understanding of the environment? (5 points)

- Does the experience focus around questions, problems, or issues pertaining to specific region? (3 points)

- Is the project design project-oriented, hands-on, investigative, and part of a sustained activity? (5 points)

- Does the project include pre and post activities? (4 points)

- Does the project address multiple disciplines? (2 points)

- Does the project contain a Data Sharing Plan makes data and information collected under a NOAA grants or cooperative agreements visible, accessible, and independently understandable to general users in a timely manner? (1 point)

## 2. Technical merit (35 points)

This criterion assesses whether the approach is technically sound and/or innovative, if the methods are appropriate, and whether there are clear project goals and objectives. For the NOAA Gulf of Mexico B-WET Program, this includes:

- Does the proposal clearly outline how the project is an integral part of the classroom or instructional program? (5 points)

-Priority-specific questions (only one will apply): (10 points)

> For exemplary programs only: Does the project combine Teacher Professional Development with long-term classroom-integrated Meaningful Watershed Educational Experiences for their Students?

> For MWEE student programs only: Is the project aligned with academic learning standards in science and other disciplines?

> For teacher professional development programs only: Does the teacher receive the needed support to fully participate in the program (i.e., continuing education credit, substitute teachers, stipends, etc.)? Is this support reasonable and necessary?

- Does the applicant utilize NOAA programs, lesson plans, or a curriculum focused on marine and estuarine issues? Does the applicant use NOAA personnel to enhance their project? (5 points)

- Does the applicant show a knowledge and understanding of the NOAA Strategic Education Plan ([http://www.oesd.noaa.gov/NOAA\\_Ed\\_Plan.pdf](http://www.oesd.noaa.gov/NOAA_Ed_Plan.pdf))? (2 points)

- Does the applicant demonstrate how their project is aligned and supports the goals and strategies of the NOAA Education Strategic Plan? (2 points)

- Is the project aligned with environmental literacy principles (e.g. Ocean Literacy, <http://www.coexploration.org/oceanliteracy/documents/OceanLitChart.pdf> or Climate Literacy, [http://climateliteracynow.org/files/Climate\\_Literacy\\_K-12.pdf](http://climateliteracynow.org/files/Climate_Literacy_K-12.pdf)) where appropriate? (Note: estuarine and watershed concepts should be tied to the Ocean Literacy principles) (1 point)

- Are the objectives in the proposal clearly defined and focused? Does the applicant demonstrate that the objectives are realistic and can be reached within the proposed project period? (4 points)

- Are the project outcomes measurable and have significant and lasting benefits for teachers and students? (2 points)

- Does the evaluation component of the project focus on measuring changes in participants (changes can be in knowledge, attitudes, skills or conservation actions)? (2 points)

- Do the changes measured in participants (outcomes) match the project goals and objectives, which include engaging participants in meaningful watershed educational experiences? (2 points)

### 3. Overall qualifications of applicants (10 points)

This criterion ascertains whether the applicant possesses the necessary education, experience, training, facilities, and administrative resources to accomplish the project. For the NOAA Gulf of Mexico B-WET Program, this includes:

- Does the applicant show the capability and experience in successfully completing similar projects? Are the partners involved in the project qualified? (5 points)

- Does the applicant 1) show prior experience in working in the Gulf of Mexico region, 2) show prior experience with Gulf of Mexico regional issues, or 3) demonstrate partnerships with local organizations in the Gulf of Mexico region on proposed projects? (2 points)

- Does the applicant demonstrate knowledge of the target audience? (1 point)
- Does the applicant demonstrate knowledge of the Content Standards for their state? (1 point)
- Does the applicant document past collaborations with schools or school systems? (1 point)

#### 4. Project costs (20 points)

This criterion evaluates the budget to determine if it is realistic and commensurate with the project needs and time frame. For the NOAA Gulf of Mexico B-WET Program, this includes:

- Does the applicant demonstrate the ability to leverage other resources? Is the nature of the cost share cash or in-kind? (2 points)
- Is the budget request reasonable and does the applicant justify the proposed budget request? (10 points)
- Is a significant percentage of the budget directly related to bringing students and teachers in contact with the environment? (5 points)
- Are requested funds for salaries and fringe benefits only for those personnel who are directly involved in implementing the proposed project and/or are directly related to specific products or outcomes of the proposed project? (2 points)
- Does the applicant demonstrate sustainability beyond the project period? Does the applicant demonstrate that the project will continue after NOAA funding has expired? (1 point)

#### 5. Outreach and education (5 points)

This criterion assesses whether the project provides a focused and effective education and outreach strategy regarding NOAA's mission to protect the Nation's natural resources. For the NOAA Gulf of Mexico B-WET Program, this includes:

- Does the project involve external sharing and communication? (3 points)
- Does the target audience share their findings, experiences, or results to their peers or their community? (2 points)

### B. Review and Selection Process

When we receive applications we will screen them to ensure that they were received by the deadline date (see Submission Dates and Times); include SF 424 authenticated by an

authorized representative; were submitted by an eligible applicant; address one of the priorities listed in section I.B.; and include all required content listed in section IV.B.

We do not have to screen applications before the submission deadline in order to identify deficiencies that would cause your application to be rejected so that you would have an opportunity to correct them. However, should we do so and provide you information about deficiencies, or should you independently decide it is desirable to do so, you may correct any deficiencies in your application before the deadline. After the deadline, the application must remain as submitted; no changes can be made to it. If your application does not conform to these requirements and the deadline for submission has passed, the application will be returned without further consideration.

Following the technical review, we will determine the score for each individual review and average the individual technical review scores to determine the final technical score for each application. Then, we will rank applications in descending order by their average technical scores. The top twenty applications will be forwarded to a panel for further review. Those applications that are not in the top twenty category will be eliminated from further consideration.

Those applications that meet the top twenty ranking will be presented to a panel of experts known as the Gulf B-WET panel. Each member of the Gulf B-WET Panel individually considers if needs of the Agency are addressed in each proposal. The individuals on the Panel provide comments and rate each of these proposals as either "Recommended for Funding" or "Not Recommended for Funding". The Panel will give no consensus advice. The Program Manager ranks the proposals in the order of preferred funding based on the number of Panel members recommending the proposal for funding. In the event that there are two or more projects tied in the panel's percent selected category that are competing for the final available funds, all tied projects will be given equal consideration by the selecting official regardless of their peer review score. The selecting official will resolve any ties by selecting the projects that are most pertinent to the needs as listed under the program priorities at the time of selection. Program priorities are not listed in order of importance because the importance can change over time.

### C. Selection Factors

The Gulf B-WET Panel ratings will be provided in rank order to the Selecting Official for final funding recommendations. The Selecting Official shall award in the rank order unless the proposal is justified to be selected out of rank order based on the following factors:

1. Availability of funding;

2. Balance/distribution of funds:

- a. geographically
- b. by type of institutions
- c. by type of partners
- d. by research areas
- e. by project types

3. Duplication of other projects funded or considered for funding by NOAA/federal agencies;

4. Program priorities and policy factors as set out in Section I.A. and I.B.;

5. Applicant's prior award performance;

6. Partnerships with/Participation of targeted groups;

7. Adequacy of information necessary for NOAA staff to make a NEPA determination and draft necessary documentation before recommendations for funding are made to the Grants Officer.

The Selecting Official may negotiate the funding level of the proposal. The Selecting Official makes final recommendations for award to the Grants Officer who is authorized to obligate funds.

D. Anticipated Announcement and Award Dates

Subject to the availability of funds, successful applications are usually recommended within 255 days from the date of publication of this notice. The project start date should not begin before July 1, 2013.

The exact amount of funds awarded, the final scope of activities, the project duration, and specific NMFS cooperative involvement with the activities of each project are determined in pre-award negotiations between the applicant, the NOAA Grants Office and the NMFS Program Office. Recipients must not initiate projects until an approved award is received from the NOAA Grants Office.

VI. Award Administration Information

A. Award Notices

Successful applicants will receive notification that the application has been approved for funding by the NOAA Grants Management Division with the issuance of an award signed by

a NOAA grants officer. This is the authorizing document that allows the project to begin. The award will be issued to the authorizing official and the principal investigator of the project either electronically or in hard copy. Unsuccessful applicants will be notified that their proposals were not selected for recommendation by the program office.

To enable the use of a universal identifier and to enhance the quality of information available to the public as required by the Federal Funding Accountability and Transparency Act of 2006, to the extent applicable, any proposal awarded in response to this announcement will be required to use the Central Contractor Registration and Dun and Bradstreet Universal Numbering System and be subject to reporting requirements, as identified in OMB guidance published at 2 CFR Parts 25, 170 (2010), [http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&tpi=/ecfrbrowse/Title02/2cfr25\\_main\\_02.tpl](http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&tpi=/ecfrbrowse/Title02/2cfr25_main_02.tpl) and [http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&tpl=/ecfrbrowse/Title02/2cfr170\\_main\\_02.tpl](http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&tpl=/ecfrbrowse/Title02/2cfr170_main_02.tpl).

## B. Administrative and National Policy Requirements

Administrative and national policy requirements for all Department of Commerce awards are contained in the Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements contained in the Federal Register notice of February 11, 2008 (73 FR 7696). A copy of the notice may be obtained at <http://www.gpoaccess.gov/fr/search.html>.

Limitation of Liability - Funding for potential projects in this notice is contingent upon the availability of funds. In no event will NOAA or the Department of Commerce be responsible for proposal preparation costs. Publication of this announcement does not oblige NOAA to award any specific project or to obligate any available funds.

National Environmental Policy Act (NEPA) - NOAA must analyze the potential environmental impacts, as required by the National Environmental Policy Act (NEPA), for applicant projects or proposals which are seeking NOAA federal funding opportunities. Detailed information on NOAA compliance with NEPA can be found at the following NOAA NEPA Web site at [www.nepa.noaa.gov/](http://www.nepa.noaa.gov/), including our NOAA Administrative Order 216-6 for NEPA website at [http://www.corporateservices.noaa.gov/~ames/NAOs/Chap\\_216/naos\\_216\\_6.html](http://www.corporateservices.noaa.gov/~ames/NAOs/Chap_216/naos_216_6.html) and the Council on Environmental Quality implementation regulations website at [http://ceq.hss.doe.gov/nepa/regs/ceq/toc\\_ceq.htm](http://ceq.hss.doe.gov/nepa/regs/ceq/toc_ceq.htm)

Consequently, applicants may be asked to provide detailed information on the activities to be conducted, locations, sites, number and species expected to be caught, species and habitat to be affected, possible construction activities, and any environmental concerns that may exist (e.g., the use and disposal of hazardous or toxic chemicals, introduction of non-

indigenous species, impacts to endangered and threatened species, aquaculture projects, and impacts to coral reef systems). In addition to providing specific information that will serve as the basis for any required impact analyses, applicants may also be requested to assist NOAA in drafting of an environmental assessment, if NOAA determines an assessment is required.

Applicants will also be required to cooperate with NOAA in identifying feasible measures to reduce or avoid any identified adverse environmental impacts of their proposal. The failure to do so shall be grounds for not selecting an application. In some cases if additional information is required after an application is selected, funds can be withheld by the grants officer under a special award condition requiring the recipient to submit additional environmental compliance information sufficient to enable NOAA to make an assessment of any impacts that a project may have on the environment.

### C. Reporting

Unless otherwise specified by terms of the award, performance and financial reports are to be submitted semi-annually. Electronic submission of reports is preferred via the NOAA Grants Online system. All reports will be submitted on a semi-annual schedule and must be submitted no later than 30 days following the end of each 6-month period from the start date of the award.

Recipients are encouraged to include the following elements in semi-annual performance reports: header material and body. The header material should include: Project title, Federal award number, Dollar amount of the award, Principle Investigator(s) and contact information, Award period, and Reporting Period. It is recommended that body of the report include the following for each identified task/milestone: Status of the project in terms of progress toward meeting milestones and deliverables in reference to the time line described in the proposal/project plan and description of progress made or accomplishments completed, List of deliverables (products or outputs) resulting from progress on tasks if any, Description of any changes to the project plan and the planned budget versus actual costs, Note of any concerns, delays, challenges, complications or other unexpected changes that you've encountered.

In addition to the financial and performance reports, grant recipients will be required to submit a comprehensive final performance report 90 days after the project end date.

Recipients are encouraged to include the following elements in the final performance report: header material and body. The header material should include: Project title, Federal award number, Dollar amount of the award, Principle Investigator(s) and contact information, Award period, and Reporting Period. It is recommended that the body of the report include: Restatement of the objectives that were approved in the grant application,

Statement on whether or not the objectives were met, description of the methods used to meet those objectives, a discussion of successes and difficulties, and data to back up the successes, statement, if applicable, how you expect that any property (>\$5,000) purchased by the grant will be utilized, Statement on how the program will continue through the future, a project evaluation summary/analysis, and a copy of deliverables created as a result of the award.

The Federal Funding Accountability and Transparency Act of 2006 includes a requirement for awardees of applicable Federal grants to report information about first-tier sub-awards and executive compensation under Federal assistance awards issued in FY 2011 or later. All awardees of applicable grants and cooperative agreements are required to report to the Federal Sub-award Reporting System (FSRS) available at [www.FSRS.gov](http://www.FSRS.gov) on all sub-awards over \$25,000.

## VII. Agency Contacts

For questions regarding Gulf of Mexico B-WET Program or the application process, you may contact: Amy Clark, Gulf of Mexico B-WET Program Manager, [Amy.Clark@noaa.gov](mailto:Amy.Clark@noaa.gov), (228) 688-1520 or Jeff Brown, [Jeff.Brown@noaa.gov](mailto:Jeff.Brown@noaa.gov), (727) 551-5732.

## VIII. Other Information

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