

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2024	2025	2026	2027	2028
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	\$0	\$0	\$0	\$0	\$0
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0
Is Item Included in Current Budget?			Yes _____	No <u>X</u>	
Does this item include the use of federal funds?			Yes _____	No <u>X</u>	
Budget Account No.:					
Fund <u>0001</u> Department <u>261</u> Unit <u>2101</u> Object <u>3401</u> Program _____					

B. Recommended Sources of Funds/Summary of Fiscal Impact:
N/A

C. Department Fiscal Review: _____ *Deepak D'Suz* 9/19/23

III. REVIEW COMMENTS

A. OFMB Fiscal and /or Contract Dev. and Control Comments:

Shirley M. Martin 9/21/2023
OFMB *JA 9/20*
MD 9/20 *APF 9/20*

Andrew Jacobson 9/27/23
Contract Development and Control
TRB 9/27/23

B. Legal Sufficiency:

Assistant County Attorney

C. Other Department Review:

Department Director

COVER LETTER: NOAA Climate Resilience Regional Challenge, Track 1

To: NOAA Office for Coastal Management

Purpose: NOAA Climate Resilience Regional Challenge (2023)

Project Title: Shoreline Protection Alignment and Model Ordinance for the Palm Beach County Coastal Resilience Partnership

Funding Track: Regional Collaborative Building and Strategy Development (Track One)

Lead Applicant: Palm Beach County, Office of Resilience

Project Director: Megan Houston, Director, Palm Beach County Office of Resilience
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Federal Funding Request: \$2,000,000.00

Geographic Region: Palm Beach County, Florida, including the 22 municipalities along the Atlantic Ocean and/or the Intracoastal Waterway of the Lake Worth Lagoon and 3 municipalities along Lake Okeechobee.

Participating Jurisdictions: City of Boca Raton, City of Boynton Beach, City of Delray Beach, City of West Palm Beach, Town of Highland Beach, City of Lake Worth Beach, Town of Lantana, Town of Ocean Ridge, City of Belle Glade, City of South Bay, City of Pahokee

Collaborators: Florida Atlantic University's Center for Urban and Environmental Solutions, Community Partners of South Florida, Palm Beach County Environmental Resources Management Department, Palm Beach County Planning, Building and Zoning Department, Palm Beach County Emergency Management Department

Performance Period: July 2024- June 2028

Resilience Vision

The goal of this project is to determine the shoreline protection needs of the coastal communities in Palm Beach County (PBC, the County) and to create a model shoreline protection ordinance to unite sea level rise and flood adaptation goals and implementation efforts across the County's coastal jurisdictions.

Regional Context

PBC is the largest county east of the Mississippi River with a total area of 2,333 square miles, 39 municipalities, and over 1.5 million residents. PBC has 46 miles of shoreline along the Atlantic Ocean and hundreds of natural and manmade waterbodies. In addition, the Intracoastal Waterway runs along the east coast and the shoreline of Lake Okeechobee is in the northwest part of the County. In 2022, over 9 million visitors to PBC brought an economic impact estimated at \$9.7 billion, with most of these tourists coming to visit the County's beaches and coastal attractions. The entire County is vulnerable to many significant climate risks, which can have detrimental impacts on PBC's economy.

The County's coastline is already experiencing significant beach erosion from wind waves and longshore currents. Although shoreline retreat is a natural process, most of the shoreline in the County is in close proximity to buildings, highways, and other manmade structures that are threatened by this coastal erosion. As of 2017, 33.6 of the County's 46 miles were listed as critically eroded by Florida's Department of Environmental Protection.

These coastal areas are also currently experiencing nuisance flooding from exceptionally high tides known as "King Tides," while both inland and coastal areas experience rainfall-induced flooding. According to the National Weather Service, precipitation totals in 2022 were above average, with several areas in the County receiving over 50 inches of rain. These events already challenge the County's stormwater management system. Future sea level rise is projected to increase approximately 16 to 32 inches from the current Mean Sea Level by 2070, which will severely exacerbate the issue if it is not addressed.

In the northwest portion of the County lies the Glades region, which consists of three municipalities along the shore of Lake Okeechobee. Lake Okeechobee is the 10th largest natural lake in the U.S., covering approximately 730 square miles. Historically, the three municipalities would flood during heavy rains and hurricanes. Today, Lake Okeechobee is surrounded by a 30-foot-tall earthen dam, called the Herbert Hoover Dike (HHD), to help prevent flooding into the surrounding land that is now known as the Everglades Agricultural Area. The HHD is currently undergoing rehabilitation work by the US Army Corps of Engineers to improve its stability and prevent dike failure. A catastrophic failure of the HHD poses a significant danger to the residents, local economies, and environment of PBC and South Florida.

The State of Florida developed the Resilient Florida Program to provide guidance and funding for local vulnerability assessments (VAs) and implementation projects. The State aims to have all local governments submit VAs that are compliant with the State standards by 2026. This program also funds implementation projects that are identified in local jurisdiction VAs. Once all coastal PBC jurisdictions complete the VA process, they can apply for Resilient Florida implementation funding to address their current and future flooding risks in accordance with the standards set in the model ordinance established by this project.

PBC and 22 local municipalities have already begun or completed the planning process to prepare for future flooding and sea level rise by performing VAs. These assessments include identifying critical community assets and determining the risk and sensitivity of those assets to climate change impacts, including sea level rise, storm surge, and tidal flooding.

The County has previously partnered with 7 jurisdictions in Southeast PBC to form the Coastal Resiliency Partnership (CRP) of SE PBC. With this collaborative approach, the partners pooled resources to apply for funding and perform a VA for the SE PBC region. This project identified twelve key climate threats that impact SE PBC: high winds, rainfall-induced flooding, harmful algal blooms, pest and disease outbreak, extreme heat, drought, wildfire, shoreline recession, tidal flooding, storm surge, groundwater inundation, and saltwater intrusion. Many of these threats can be addressed by implementing collaborative shoreline protection measures.

Unfortunately, PBC and its coastal municipalities lack a unified approach to shoreline protection, and municipalities are not required to adopt all County ordinances. Without harmonization among the region, sea level rise and flooding impacts will be more problematic.

With the NOAA funding, the project team will expand the CRP of SE PBC to include the remaining PBC municipalities with intracoastal, ocean, and Lake Okeechobee coastline connections. This project will streamline the planning process and create a unified approach to shoreline protection implementation. In PBC, municipalities are not required to adopt all County ordinances. By working with the coastal municipalities to form a model ordinance, the project can result in a plan that works for all stakeholders and is cohesive along the coastline of the County. Once the ordinance is developed, the County and Coastal municipalities can adopt the ordinance to unify shoreline protection.

Proposed Activities and Outcomes

Inventory Existing and Potential Shoreline Protection Improvements

This project will assess existing conditions using GIS tools, aerial maps, and environmental data regarding sediment quality, water quality, bathymetry, stormwater outlets, adjacent land use, submerged land ownership, etc., and stormwater inputs. Some data already exists on shoreline characterization, such as percentage seawall, riprap, mangrove, beach, etc., but the County lacks data such as sediment quality, age of current seawall, height of current sea walls, and other detailed characterizations. Where necessary to fill data gaps, and to the extent practicable, field data will be collected in key areas.

This project will also assess links between potential green infrastructure installations and stormwater improvements and identify and prioritize improvements for drainage areas that discharge into waters around potential green infrastructure installations.

This project will identify sites, conduct site assessments, and map locations that may have conditions conducive to and appropriate for installing green infrastructure to assist with future planning and funding requests.

Shoreline Protection Green Infrastructure Design Guidelines

This document will include design guidelines and recommendations for green infrastructure and living shorelines. These guidelines serve as the standard local method for implementing green infrastructure. They will be used by local jurisdictions and provided to local developers as guidance for building green

shoreline protection options. The PBC Environmental Resources Management (ERM) Department has been expanding living shorelines in the Lake Worth Lagoon for decades and has learned many lessons and designs that can help inform best practices for the region. PBC ERM currently uses a four-sided approach to combat beach erosion: dune restoration, inlet sand transfer, sand renourishment, and installation of support structures. ERM oversees the continued management of public beaches and inlets by implementing funding and/or managing projects that replace beach and dune habitat for people and nesting sea turtles. From its experience, ERM has found that living shorelines along seawalls and bulkheads help protect the infrastructure and extend their longevity. Green infrastructure options may include but are not limited to rip rap, mangrove planters, submerged vegetation planting, and dune restoration. This project will identify example implementation projects, referencing specific locations identified through the GIS assessment, and the green infrastructure design(s) which may be installed.

Shoreline Protection Policy Development and Implementation

Multiple coastal communities have already begun planning to unify their shoreline protection efforts. For example, Delray Beach passed an ordinance in 2022 setting a minimum elevation of 4.2' NAVD83 for the height of all seawalls that are constructed. In addition, all seawalls that are constructed to a height less than 5.0' NAVD83 must be designed to accommodate raising the seawall to this level. Moreover, Broward County and the Tampa Bay Regional Planning Council have developed collaborative shoreline protection ordinances. The CRP of SE PBC has previously worked with the Emmet Environmental Law and Policy Clinic at Harvard Law School to research and develop potential options for shoreline protection, with examples that have been implemented elsewhere. The project team will complete a literature review and compile existing shoreline protection ordinances.

Creating a policy that has input from all County and municipal stakeholders and meets all jurisdictional needs is key to project success. The project team will share model ordinance options with local stakeholders, including government officials and staff, coastal property owners, community members that reside near and frequently use the shoreline, and other local stakeholders. The project team will seek feedback from stakeholders through community workshops, local government staff workshops, a community survey, and by seeking direction from local elected officials at the County and municipal level to receive direction. The project team will use best practices from other coastal areas, combined with local stakeholder input, to then develop a model ordinance for seawalls and green infrastructure that will account for future sea level rise, storm surge, and high tide conditions and can be successfully implemented within the County.

Social Equity Focus & Assessment

Although there are some extremely wealthy communities within Palm Beach County, there is also a large income disparity. Approximately 75% of the PBC coastline is comprised of flood-prone areas that are located in, or within a ½ mile of, Disadvantaged Census Tracts (DCTs). PBC has 23 Disadvantaged Census Tracts (DCTs) along the Atlantic Ocean and Intracoastal Waterway, many more within a half mile, and 8 DCTs along Lake Okeechobee. Many people within these DCTs are hit first and worst by the impacts of climate change, and many do not have the financial resources to adapt. Many people also rely on the coastal waters for fishing and food sources.

This project will identify priority DCT communities for green infrastructure shoreline protection projects. It will also develop a target percentage for green infrastructure shoreline protection features in

disadvantaged communities to simultaneously increase community resilience and access to open space, nature, and fishing opportunities.

Outreach

Community participation and feedback are key components the project. The project team will form a stakeholder committee with representatives from as many of the coastal jurisdictions as possible. This stakeholder committee will meet quarterly to review the status of the project and provide input to the project team. The project team will also conduct outreach throughout the coastal region. This will involve community hybrid workshops in 7 locations along the Atlantic Coast and 3 locations in the western Glades Region at key touch points during this planning process:

- The first workshops will be held in the initial inventory phase to introduce the project
- The second workshops will be held mid-project to present options for coastal protection to seek community feedback on their preference and concerns; and
- The last set of workshops will present the model ordinance and recommendations to seek final community feedback.

To assist stakeholders in visualizing future coastal flooding impacts and possible shoreline protection options, the project team will use virtual reality goggles that demonstrate impacts and options in multiple locations along the County coastline. These goggles will be incorporated into outreach at community festivals and events, community workshops, stakeholder meetings, and online on the project website. Once stakeholders have seen the impacts and options, they will be invited to take a survey to share their feedback, concerns, and preferences, which will be used to inform the model shoreline protection ordinance.

Once the model ordinance is finalized, the project team will collaborate with the local municipalities to host a meeting for local government staff and elected officials to present the model ordinance, recommendations, and funding options. The project team will explain the benefits of the ordinance and why they should consider adopting the ordinance. The Palm Beach County Office of Resilience will host and develop a project website that will include the final model ordinance.

This project will include intentional outreach to low-income and disadvantaged community members, working with a consultant that specializes in equitable outreach as part of the project team. They will assist with ensuring that all outreach materials and content are in plain language, use their established network with other community-based organizations to invite participants to outreach events and workshops, and help disseminate the survey to ensure the survey participants are representative of the local community. Outreach materials and content will be available in the 3 languages most common in PBC: English, Spanish, and Haitian Creole. The survey will be primarily online, but paper versions of the survey will be available for non-tech-savvy residents.

Identify Implementation Funding Opportunities

A project consultant will compile a list of potential grant funding and financing opportunities that local jurisdictions, businesses, and residents can utilize to implement the policies and recommendations from the model ordinance developed by this project. These grant funding opportunities will be shared with all local government stakeholders and options for funding private property projects will be posted on the project website.

Budget Summary

\$1,482,000.00 will be used to hire a consultant to facilitate the creation of a model shoreline protection ordinance. This will involve gathering existing data and flooding models, collecting environmental data to fill data gaps, performing a literature review of existing shoreline protections ordinances and research, determining the best shoreline protection options that should be considered by stakeholders, facilitating project team meetings, steering committee meetings, local government representatives, and public workshops throughout the planning process, and ultimately creating a model ordinance for adoption by Palm Beach County BCC and local municipalities. The consultant will also collaborate with the other two consultants to provide examples of solutions

A \$418,000.00 sub-award will be granted to the Florida Atlantic University's (FAU) Center for Urban and Environmental Solutions (CUES) to create a virtual reality experience showcasing various coastal protection options to help stakeholders visualize potential solutions. FAU CUES has previously partnered with the City of West Palm Beach to create a virtual reality experience to demonstrate local future flooding issues and potential solutions. This project was very well received by the local community, and the Project team intends to expand on those efforts for this project. FAU CUES will also create a survey for stakeholders to take to rank their preferred options for coastal protection to capture stakeholder feedback.

A \$100,000.00 sub-award will be granted to Community Partners of South Florida (CPSFL) to assist with incorporating equity into this planning process. CPSFL is a local non-profit that has worked to support disadvantaged families and children in Palm Beach County for 36 years. Part of their work involves facilitating dialogues that lead to system change by supporting groups who are interested in participating in meaningful conversations on relevant issues. CPSFL will support this project by planning and implementing the community workshops, including ensuring that plain language is used to present workshop topics, providing language translation services for marketing materials, community surveys, and workshop content, and utilizing their existing community partnerships to invite disadvantaged community members to participate in the community workshops and surveys.

Budget Categories	Description	Estimated Cost
Personnel		
<i>Position Title</i>	N/A	\$00.00
Contracts		
<i>Vendor Name</i>	To be determined by competitive procurement.	\$1,482,000.00
Sub-awards		
<i>Recipient Name</i>	Florida Atlantic University, Center for Urban and Environmental Solutions	\$418,000.00
	Community Partners of South Florida	\$100,000.00
Travel	N/A	\$00.00
Indirect	N/A	\$00.00
TOTAL		\$2,000,000.00

Anticipated Technical Assistance Needs

None

Inflation Reduction Act: NOAA Climate Resilience Regional Challenge

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NOTICE OF FUNDING OPPORTUNITY

EXECUTIVE SUMMARY

Federal Agency Name(s): National Ocean Service (NOS), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce

Funding Opportunity Title: Inflation Reduction Act: NOAA Climate Resilience Regional Challenge

Announcement Type: Initial

Funding Opportunity Number: NOAA-NOS-OCM-2023-2008063

Federal Assistance Listings Number: 11.473, Office for Coastal Management

Dates: Letter of Intent Date: Letters of Intent are required and must be postmarked, provided to a delivery service, or received by electronic mail by 11:59 PM Eastern Time on August 28, 2023. Use of a delivery service must be documented with a receipt. No facsimile applications will be accepted. Electronic mail must be sent to resiliencechallenge@noaa.gov. The Letter of Intent date is being extended following the Major Disaster Declaration for Hawaii on August 10th, 2023.

Full Application Date: Invited full applications must be postmarked, provided to a delivery service, or received by www.Grants.gov by 11:59 PM Eastern Time on February 13, 2024. Use of a delivery service must be documented with a receipt. No facsimile or electronic mail applications will be accepted.

Funding Opportunity Description: The NOAA Climate Resilience Regional Challenge (Challenge) will support collaborative approaches to achieving resilience in coastal regions with an emphasis on risk reduction, regional collaboration, equity, and building enduring capacity. The Challenge is a \$575 million competition with a Letter of Intent phase and two exclusive funding tracks designed to meet the needs of coastal communities wherever they are in the resilience and adaptation process.

Regional Collaborative Building and Strategy Development (Track One) supports building capacity for, development of, and collaboration on transformational resilience and adaptation strategies for coastal communities. Successful applicants will receive \$500,000 to \$2,000,000 to support regional scale coordination, engagement, planning, advancement of equitable outcomes, and capacity building for resilience and adaptation. Total funding for all Track One awards may be up to \$25 million.

Implementation of Resilience and Adaptation Actions (Track Two) supports implementation of transformational resilience and adaptation strategies and associated actions for coastal

communities anchored in previous planning efforts. Applicants must propose a suite of complementary adaptation actions that together build the resilience of multiple communities within a coastal region, including those that have been marginalized, underserved, or underrepresented. Applicants can apply for not less than \$15,000,000 and not more than \$75,000,000, with most awards being between \$25,000,000 and \$50,000,000. Total funding available for all Track Two awards is up to \$550,000,000.

FULL ANNOUNCEMENT TEXT

I. Funding Opportunity Description

A. Program Objective

1. Background

U.S. coastal counties are home to 40% of the nation's population, employ 54.6 million people, and produce \$9.6 trillion in goods and services. These counties and their communities are experiencing not just rapid but accelerating change and increased risks from the combined effects of storms, precipitation, sea level rise, and other physical stressors. The Fourth National Climate Assessment (NCA4, 2018) highlighted the significant risk to coastal property and public infrastructure from increases in the frequency, depth, and extent of tidal flooding due to sea level rise, with cascading impacts to the Nation's economy. Higher storm surges due to sea level rise and the increased probability of heavy precipitation events increase the risk. By the latter part of this century, many more coastal communities will suffer financial impacts as chronic high tide flooding leads to increased infrastructure damage. As the pace and extent of coastal flooding and erosion accelerates, climate change impacts along our coasts are compounding pre-existing social inequities and communities are facing difficult questions about the costs and tradeoffs associated with adaptation strategies, including if, how, or when to relocate infrastructure.

Coastal communities also face additional threats from the changing climate, including extreme heat, wildfire, drought, and ocean acidification. These stressors also impact coastal economies, social systems, and important coastal ecosystems. In response to these climate threats, the "Executive Order on Tackling the Climate Crisis at Home and Abroad", (E.O. 14008 at <https://www.govinfo.gov/content/pkg/DCPD-202100095/pdf/DCPD-202100095.pdf>) lays out a range of responsibilities for federal agencies to tackle the climate crisis, including a directive to align Federal financial programs to support robust climate action and deliver environmental justice in communities across America. The order also calls upon federal agencies to align the creativity, courage, and capital necessary to make our Nation resilient and points to the essential role of coastal communities in improving our resilience to weather and climate impacts.

Climate change does not respect jurisdictional boundaries and poses a challenge that surpasses the capacity of any single organization or government agency to resolve, necessitating cross-jurisdictional and cross-sectoral adaptation solutions. While many coastal communities have begun to identify their climate risks, mechanisms are needed to effectively coordinate and execute resilience and adaptation actions across jurisdictions and

sectors in a way that will meaningfully engage marginalized, underserved, or underrepresented communities. Regional collaboration can dramatically improve how we achieve coastal resilience by aligning adaptation strategies across jurisdictions and sectors to achieve co-benefits. Co-benefits are the supplemental positive impacts (e.g., job creation, habitat conservation, recreation, etc.) that can result from adaptation actions in addition to the direct risk reduction benefits (e.g., reduced cost of flooding). Regional collaboration on climate adaptation also promotes the leveraging of resources, enables collective action that includes input from and benefits to marginalized, underserved and underrepresented populations, and allows for development of more durable solutions that multiply the value of individual efforts.

Entire segments of our society have been marginalized, underserved, or underrepresented in efforts to prepare for, respond to, recover from, and adapt to weather and climate impacts, despite being at greater risk due to lack of resources, accessibility constraints, and systemic institutional barriers. This includes Tribes and Indigenous People who are disproportionately affected by climate change and face additional institutional barriers in order to adapt to the most severe impacts (Fourth National Climate Assessment). Executive Order 14096, *Revitalizing Our Nation's Commitment to Environmental Justice for All* (<https://www.federalregister.gov/documents/2023/04/26/2023-08955/revitalizing-our-nations-commitment-to-environmental-justice-for-all>), and its predecessor E.O. 13985 (<https://www.federalregister.gov/documents/2021/01/25/2021-01753/advancing-racial-equity-and-support-for-underserved-communities-through-the-federal-government>), emphasize the need for Federal agencies to take actions to redress unfair disparities and remove barriers to government programs and services. E.O. 14096 places even greater urgency on the Federal Government to "... build upon and strengthen its commitment to deliver environmental justice to all communities across America. Our Nation needs ...". Executive Order 14008 also established the Justice40 Initiative, directing that 40% of the overall benefits from federal climate and clean energy investments flow to disadvantaged communities and that such communities accrue the benefits of those investments.

With funding from the Inflation Reduction Act (P.L. 117-169, Section 40001), NOAA has designed the Climate Resilience Regional Challenge to catalyze equitable adaptation through regional scale collaboration and implementation of adaptation actions that will reduce future damage from weather and climate impacts. The Federal investments being made through NOAA's Climate Resilience Regional Challenge also provide a unique opportunity to build enduring capacity for adaptation in coastal areas, including marginalized, underserved, and underrepresented communities. This investment further supports the directive in Executive Order 14003 (referenced above) to secure environmental justice and spur economic opportunity for disadvantaged communities. Adaptation actions

supported by this funding will contribute to the Interagency Memorandum of Understanding (MOU) on Promoting Equitable Access to Nature in Nature-Deprived Communities, which seeks to support locally led conservation and park projects in nature-deprived communities. NOAA will partner with award recipients to provide technical assistance (e.g., scientific expertise, knowledge of coastal resource management, technical and training capabilities) in support of these regional efforts and to help ensure lasting progress toward equitable resilience and adaptation. For more information on the Climate Resilience Regional Challenge and to learn about technical assistance from NOAA, visit: <https://coast.noaa.gov/funding/jra/resilience-challenge/>

In recognition that some communities are just beginning to address climate challenges, while others have been planning for many years, this funding opportunity includes two distinct and exclusive tracks:

- **Regional Collaborative Building and Strategy Development (Track One):** Funding under Track One supports the development and operation of regional collaboratives to generate transformational resilience and adaptation strategies for coastal communities, including those that have been marginalized, underserved, or underrepresented. This funding track will meet communities where they are in the adaptation process, advance equitable resilience, adaptation planning and partnership building, and establish more entities with local capacity for implementing future on-the-ground resilience and adaptation actions. Track One funding, combined with technical assistance from NOAA, will allow successful applicants to plan for holistic resilience and adaptation investments, initiatives and policies, and build enduring capacity for future adaptation efforts.
- **Implementation of Resilience and Adaptation Actions (Track Two):** Funding under Track Two supports transformational resilience and adaptation actions that are ready for implementation and will greatly and measurably reduce risk and vulnerability in coastal areas while advancing equity. This funding track supports implementation of a suite of complementary resilience and adaptation actions that:
 - extend benefits beyond the boundaries of one town and avoid detrimental consequences for others (e.g. stormwater improvements that reduce coastal erosion in one community but increase flooding in another);
 - are holistic and provide co-benefits (e.g., a system of nature-based installations that protect multiple communities and provide open space and access to nature); and
 - provide equitable outcomes that benefit the entire community, including marginalized, underserved, or underrepresented residents.

This funding, combined with technical assistance from NOAA, will enable successful applicants to implement resilience and adaptation actions that provide measurable risk reduction outcomes and support related initiatives and policies, while building enduring capacity for future adaptation efforts.

2. Program Overview

The Climate Resilience Regional Challenge is a two-track competition. Applicants must clearly identify in their application the track that should be used to evaluate their proposal (Regional Collaborative Building and Strategy Development, or Implementation of Resilience and Adaptation Actions). Applicants should select a category based on the evaluation criteria in Section V.A. If a category is not identified by the applicant within the proposal, NOAA will identify a category for the applicant. No appeals regarding placement will be considered.

All applicants must identify the geographic region that they propose to serve for the purposes of this competition. The geographic region must be located within one or more coastal states or territories as defined in the Coastal Zone Management Act (See Section III.A Eligibility), and should be of a size and scope to be able to demonstrate, with the amount of funding available from NOAA, significant, tangible resilience and adaptation outcomes that benefit the identified region and local coastal communities. NOAA encourages applications that benefit tribal lands and/or tribal priorities, and a region may be made up of or include tribal lands. A region may include lands governed by multiple Tribes within a single compact area, such as a watershed. Alternatively, a region may include multiple parts of geographically connected states or tribal lands facing similar weather and climate impacts. Specified regions should be of a size and scope to facilitate the implementation of resilience and adaptation actions and ensure benefits at the community level.

All proposals should focus on regional efforts that:

- 1) provide local and regional co-benefits (e.g., reducing risk and improving public health, advancing equitable adaptation actions and increasing access to open space);
- 2) advance equity through meaningful community involvement in the identification and implementation of holistic resilience and adaptation strategies and actions; and
- 3) contribute to enduring capacity for adaptation in the region.

All proposals should demonstrate collaboration between relevant entities in the specified region and build upon previous and ongoing efforts related to achieving resilience within the specified region, where such activities exist. Successful proposals will leverage scientific information, indigenous knowledge, and local knowledge and technical skills that are distributed across a diverse group of organizations and sectors, including NOAA and other federal, state, tribal and local government agencies. These leveraging opportunities include previous or ongoing investments in resilience and adaptation, such as information sources (e.g., assessments, studies, plans, tools, training, technical assistance), and mechanisms (e.g., funding, programs, partnerships). Applicants can review the Guidance for Federal Departments and Agencies on Indigenous Knowledge (at <https://www.whitehouse.gov/wp-content/uploads/2022/12/OSTP-CEQ-IK-Guidance.pdf>) for ways to improve the recognition and inclusion of Indigenous Knowledge.

Track One - Regional Collaborative Building and Strategy Development

Through Track One, NOAA will award \$500,000 to \$2,000,000 to successful applicants to support regional scale collaborative efforts focused on building resilience for coastal areas and communities. NOAA expects to select between 20-25 winning collaboratives but may select more or less based on the merits of the applications. Total funding for all Track One awards may be up to \$25 million. Funding amounts listed here are approximate. Typical award amount is anticipated to be \$1,000,000.

For the purposes of this program, regional collaboratives are defined as groups comprised of collaborators and partners (see Section I.A.3 for definitions) that are unified by a common vision for how to significantly increase the resilience of their region, are led by or include locally-oriented institutions and governments, and share adjacent and/or overlapping geographical interests or administrative boundaries or benefit from the same natural, social, economic, and/or infrastructure systems. The collaborators and partners that comprise the regional collaborative should have a clear, shared sense of the need for action and willingness to engage in a collaborative process that links diverse interests to achieve shared goals in a regional setting. This shared vision should align with the "NOAA 2022-26 Strategic Plan (<https://www.noaa.gov/organization/budget-finance-performance/value-to-society/noaa-fy22-26-strategic-plan>), and reflect the interests of relevant coastal Tribes and jurisdictions, such as states, territories, counties, parishes, cities, towns, villages, tribal lands and culturally significant areas. Collaboratives should include and/or engage with representatives from the relevant jurisdictions and sectors to collectively address weather and climate impacts.

Entities applying to Track One should come together as a regional collaborative with a unified vision for increasing resilience at a regional scale. This vision and the preliminary strategies and activities needed to advance towards that vision should be clearly articulated in Letters of Intent and full applications. Track One funding can be used to support further development of the vision and strategy, including necessary coordination, engagement, and planning. Engagement must include convening multiple stakeholders from the public and private sectors (e.g., federal, state, and/or local agencies; Tribes, and tribal organizations; non-governmental organizations; community-based organizations; and business and industry) and include- marginalized, underserved, or underrepresented communities.

Track One funding will support the building of new and strengthening of existing collaboratives toward identifying joint actions to advance climate resilience and adaptation in the respective region. Applicants to Track One should include a clear strategy for making significant progress toward implementation of adaptation actions within two years of the start of the award. Milestones that reflect progress of a collaborative include the following: articulation of shared priorities; identification of a collaborative leadership structure, and the roles and responsibilities for each position; formulation of operating norms and practices, including decision-making processes; establishment of routine communication mechanisms, both within the collaborative and with stakeholders; initiation of strategic planning activities; and pursuit of training and capacity-building events. Other activities that reflect progress toward implementation of adaptation actions include: identification and assessment of the most significant weather and climate risks and potential impacts; engagement of those most impacted by weather and climate impacts for co-development of solutions; initiation and/or completion of vulnerability assessment(s); collection of necessary data to evaluate options (e.g., economic data, modeling results); development and sharing of policy, program and technical advice; identification and evaluation of adaptation options and potential pathways to implementation; pursuit of activities that position the collaborative to undertake future implementation activities (e.g., design and engineering plans); and identification and evaluation of funding and financing sources.

Track One funding can be used for the following:

- Establishing and expanding durable regional partnerships, including organizational development of a regional collaborative, identification of strategies and actions, and strategic planning;
- Conducting outreach and communication activities related to regional resilience and adaptation;
- Convening inclusive and accessible engagement activities to enhance the breadth of the collaborative teams, especially with marginalized, underserved, and

- underrepresented communities;
- Analyzing risk, vulnerability and adaptation actions for the region and conducting related assessments;
- Planning for the implementation of equitable resilience and adaptation actions, including integration with other planning efforts;
- Undertaking environmental and engineering reviews needed to support future resilience and adaptation actions;
- Developing and implementing laws, regulations, and policies related to resilience and adaptation actions;
- Identifying and pursuing funding and financing options for resilience and adaptation actions;
- Identifying the workforce requirements to implement resilience and adaptation actions into the future;
- Developing and implementing training and capacity building for resilience and adaptation in coastal communities, especially for marginalized, underserved, and underrepresented communities;
- Designing, planning and implementing performance management and evaluation activities related to the collaborative partnerships; and
- Pursuing other activities essential to moving forward with regional coastal resilience and adaptation activities.

NOAA strongly encourages new collaboratives to form and apply to this Challenge. Existing collaboratives are also encouraged to apply and build upon their current efforts and expand involvement to new collaborators and partners. Each collaborative must identify an eligible entity that will apply for and receive federal funds if the application is selected for funding (See Section III.A Eligible Applicants). The regional collaborative itself is not required to be a legal entity, nor will there be any competitive advantage for being a legal entity. For new and existing collaboratives that wish to establish themselves as a new legal entity, Track One funding may be used for that purpose.

Track Two - Implementation of Resilience and Adaptation Actions

Through Track Two, NOAA anticipates awards for no less than \$15,000,000 to no more than \$75,000,000, and anticipates that most awards will be between \$25,000,000 and \$50,000,000. Successful applicants will use the funding to support implementation of complementary adaptation actions (approximately three to eight), including construction and non-construction activities. NOAA expects to award no more than 15 Track Two awards but may select more based on the merits of the applications. Total funding available for all Track Two awards is up to \$550,000,000. Funding amounts listed here are approximate.

Track Two funding is intended to support the implementation of a complementary suite of ambitious and achievable actions (approximately three to eight) that are grounded in existing plans and/or strategies aimed at addressing the resilience and adaptation challenges within a specified region. Applicants for Track Two funding may be, but are not required to be, a regional collaborative as defined for Track One (i.e. they can be a single entity). However, all entities interested in applying to Track Two should be committed to working closely with relevant partners, including representatives of underserved communities, on their applications and in potential implementation of funding under a collective vision for increasing resilience within their specified geographic region. The adaptation actions proposed for funding should have been developed through engagement with multiple stakeholders (e.g., federal, state, and/or local agencies; Tribes and tribal organizations; and non-governmental organizations), especially those that have been marginalized, underserved, and underrepresented, and aligned with the overall climate resilience and adaptation vision being proposed for the region. The collective vision and a list of collaborators and/or partners (see Section I.A.3) for the regional effort should be clearly identified in the Letter of Intent and full application. The proposed suite of actions to achieve the vision should measurably reduce risk and build resilience in the identified region, and provide benefit to those that are most at risk due to social and economic factors.

Applicants to Track Two should also propose efforts to build enduring capacity for continued pursuit of equitable adaptation within the region and include activities to transfer knowledge and experience gained from the implementation of adaptation actions to other jurisdictions and sectors within and beyond the geographic region. Applicants should also consider the workforce requirements for successful implementation of the proposed and future adaptation actions and include development of training programs or other capacity building services that strengthen or build the region's talent pool, emphasize in-demand skills, connect workers with quality jobs, and develop accessible career pathways for professionals within the region (if relevant). Proposals including workforce development activities should follow Department of Commerce (DOC) best practices that can be found at <https://www.commerce.gov/issues/workforce-development>.

Example activities for Track Two include:

- Planning (including design and permitting) and construction of natural infrastructure that reduces weather and climate impacts;
- Acquiring land to reduce the impacts of weather and climate and to protect coastal habitats and human communities;
- Strengthening or protecting public access to ocean and coastal resources and

- related activities, including working waterfronts;
- Pursuing new or updated outreach and risk communication efforts;
- Planning, designing, or preparing for implementation of community-led relocation efforts;
- Advancing state/tribal/local standards, policies, and codes to build resilience;
- Acquiring coastal data and developing decision support tools to inform resilience and adaptation measures;
- Pursuing hybrid green (natural) and gray (structural) projects, including modifying public infrastructure to deliver multiple benefits and significant positive impact for the long-term;
- Establishing resilience hub(s) that use pre-existing facilities to support residents and coordinate resource distribution and services before, during, or after a natural hazard event;
- Development and implementation of performance measurement, monitoring, evaluation, and/or reporting mechanisms;
- Efforts that support relevant workforce needs, in line with Department of Commerce (DOC) best practices (<https://www.commerce.gov/issues/workforce-development>); and
- Activities under Track One that support the implementation of adaptation actions.

Any proposed construction activities are required to, at a minimum, be in conformance with the highest Federal standards available, unless higher local and state standards are available, and specifications that incorporate the latest hazard-resistant designs. Proposals should clearly describe how the construction activities, including construction of natural infrastructure, will measurably reduce exposure, vulnerability, or risk to known weather and climate impacts and/or decrease recovery time for future extreme weather events. This includes natural infrastructure projects that use existing or rebuilt natural landscapes (i.e., forests, floodplains, and wetlands) to increase resilience to climate impacts, often resulting in environmental, economic, and social co-benefits. It also includes hybrid green and gray projects that combine gray infrastructure with nature-based solutions to create systems that improve resilience to climate impacts, while also often resulting in environmental, economic, and social co-benefits. For more information on potential nature-based solutions, please see U.S. Army Corps of Engineers, Engineering with Nature Initiative; EPA's Green Infrastructure website; and NOAA's Natural Infrastructure for Coastal Hazards website.

Proposals for large scale actions that provide significant impact are encouraged; however, 'demonstration' or 'pilots' are also eligible. If a 'demonstration' or 'pilot' scale effort is proposed, applicants should describe the need for the effort, expected positive benefits, and the steps to be taken to transfer knowledge and experience within and outside

the region. All construction activities must be located on publicly owned land, tribal land, or land where a public entity holds a lease or easement which shall, at a minimum, be for the expected life of the project (as defined by the project applicant and NOAA, but for a minimum of 20 years). NOAA will review leases and easements conveying property to public entities to ensure that the public interest is adequate and consistent with competition requirements. All construction activities must be able to be completed within the period of performance. For additional information on application requirements for construction activities, see Section IV.B PDF 4 Supplemental Materials/Appendices.

All proposed land acquisitions must provide resilience and adaptation benefits to a coastal community. Resilience and adaptation benefits include reducing damages from weather and climate impacts or avoiding future losses caused by conversion of land from its natural, undeveloped, or recreational state to other uses. To be eligible, grantees and sub-awardees must acquire property or permanent conservation easements from willing sellers within eligible States and provide for non-Federal public or tribal ownership or ownership by a private entity whose organizational purpose or goal is conservation, restoration or preservation of land and natural resources. Interest in land must be held for conservation in perpetuity. If the grant recipient is a State agency that does not have authority to hold title to lands, the property may be held by another eligible non-Federal public entity if there is an appropriate Memorandum of Understanding, subaward agreement or other legal agreement in place with the State agency to ensure conservation and resilience benefits. Applications requesting funding for land acquisition should describe the proposed strategy for long-term stewardship of the site once acquired, including ongoing monitoring and management, and, if restoration of ecosystem services is proposed, how that will be accomplished. Land acquisitions must also provide for passive public access or other public benefit on some portion of the property, as appropriate and consistent with resource protection, or clearly describe why passive public access would be detrimental. For additional information on application requirements for land acquisitions, see Section IV.B PDF 4 Supplemental Materials/Appendices.

3. Definitions.

For the purposes of this competition:

- "Resilience" is defined as the ability of a coastal community to prepare and plan for, absorb impacts of, recover from, and more successfully adapt to weather and climate impacts.
- "Adaptation" refers to adjustments in ecological, social or economic systems in response to actual or expected climatic changes and their effects.

- “Regional collaborative” or “collaborative” or “collaborative teams” are interchangeable and are defined as a group of individuals or entities with a unified vision for resilience that choose to apply to this Challenge together. Collaboratives are comprised of collaborators with a unified vision for resilience that are led by or include locally-oriented institutions and governments, and that share adjacent and/or overlapping geographical interests or administrative boundaries, or benefit from the same natural, social, economic, and infrastructure systems. Applicants to Track One must be collaboratives. Applicants to Track Two may be collaboratives.
- “Collaborator” is defined as an eligible entity who contributes substantially to the regional team’s overall strategic direction and decision-making, and is committed to long-term interactions based on shared missions and goals. Collaborators may receive federal funds as the lead recipient or through subawards and contracts, or may participate without federal funding. Collaborative teams in Track One must have collaborators and regional implementation efforts under Track Two may have collaborators.
- “Partners” are individuals and entities that are supportive of the proposed effort but do not participate in overall decision-making and do not commit to regular and sustained engagement in collaborative activities. Applicants to both Track One and Track Two may have partners. If the applicant to Track Two is not a collaborative, it must have strong partners. In both Track One and Track Two, partners may receive funds through subawards or contracts from the applicant or may participate without federal funding.
- “Equity” means the consistent and systematic fair, just, and impartial treatment of all individuals, including individuals who belong to underserved communities that have been denied such treatment (E.O. 13985).
- “Underserved communities” refers to populations sharing a particular characteristic, as well as geographic communities, that have been systematically denied a full opportunity to participate in aspects of economic, social, and civic life (E.O. 13985).
- “Marginalized” refers to populations excluded from mainstream social, economic, educational, and/or cultural life. Examples of marginalized populations include, but are not limited to, groups excluded due to race, gender identity, sexual orientation, age, physical ability, language, and/or immigration status (National Institutes of Health).
- “Underrepresented” means a population that is typically underrepresented in service provision, and includes populations such as persons who are minorities, poor persons, persons with limited English proficiency, older individuals, or persons from rural areas (see 29 U.S.C. § 3002(18)).

- “Environmental justice” means the just treatment and meaningful involvement of all people, regardless of income, race, color, national origin, Tribal affiliation, or disability, in agency decision-making and other Federal activities that affect human health and the environment.
- “Disadvantaged communities” is defined by the Council on Environmental Quality as those communities that are marginalized, underserved and overburdened by pollution and they are identified by the Climate and Economic Justice Screen Tool.

NOAA uses the phrase ‘marginalized, underserved and underrepresented’ throughout the NOFO, which encompasses the concepts of environmental justice and disadvantaged communities.

B. Program Priorities

The NOAA Climate Resilience Regional Challenge seeks to transform the resilience of U.S. coastal communities, ecosystems, and associated economies to weather and climate impacts. Applications submitted for both Track One and Track Two should consider the following program priorities in the development of their proposals:

- **Risk Reduction.** Building resilience requires implementing adaptation actions that reduce risk to coastal populations, infrastructure, economies, and ecosystems from the impacts of drought, extreme heat, sea level rise, floods, and wildfires, and/or other future weather and climate impacts. For Track One, applicants should assess weather and climate risks and apply risk information to identify, plan and design future adaptation actions. For Track Two, applicants should propose a complementary set of adaptation actions (approximately three to eight) that collectively reduce risk by increasing community preparedness, decreasing community exposure, and/or improving community recovery. Proposed adaptation actions can include nature-based and hybrid green and gray actions. Those adaptation actions should provide co-benefits and alleviate multiple stressors within communities, such as improving public health, achieving reductions in pollution burden, enhancing habitat or other environmental benefits, and providing access to safe parks, natural areas, and waterways. Applicants must include metrics for risk reduction in their applications.
- **Regional Coordination and Collaboration.** Regional coordination and collaboration, driven by an integrated, achievable, and ambitious vision for how to improve the resilience of the region, is critical to addressing weather and climate impacts. All applicants to both tracks should focus on ensuring that relevant entities are engaged as collaborators and/or partners in building resilience across states, counties, cities, and Tribes within the region. Applicants should focus on the identification of shared

needs, priorities, challenges, and strategies that can be addressed by actions at the local and regional scales. Successful applicants will support public engagement to inform planning efforts and build effective relationships between government entities and communities.

- **Equity and Inclusion.** Inclusive and equitable adaptation strategies and actions require co-development with members of marginalized, underserved, and underrepresented communities to ensure that benefits flow to them. These adaptation strategies and actions should include Tribes, tribal priorities, and indigenous knowledge.

- **Enduring Capacity.** Enduring capacity refers to sustaining a level of community readiness that promotes continuous adaptation to the impacts of weather and climate, including developing and maintaining specific workforce capabilities and capacities. All applicants to both tracks should focus on building capacity for adaptation that can be sustained into the future within the region (post-award period) including with community-based organizations and for marginalized, underserved, and underrepresented communities. Successful applicants will also propose efforts to extend anticipated benefits beyond their region through information sharing and transfer of knowledge to other regions.

In addition to these program priorities, NOAA will consider other standard factors in evaluating the extent to which applications address these program priorities including: technical merit; qualifications of the applicant(s); project costs; and outreach and engagement (See Section V.A. for the Evaluation Criteria and weighting for Track One and Track Two).

For additional information on the NOAA Climate Resilience Regional Challenge program, visit: <https://coast.noaa.gov/funding/ira/resilience-challenge/>.

C. Program Authority

The Secretary of Commerce is authorized under the following statutes to provide grants and cooperative agreements for the purposes described in this announcement, including Section 40001 of the Inflation Reduction Act (Public Law 117-169), Section 310 of the Coastal Zone Management Act (16 U.S.C. § 1456c) (titled “Technical Assistance”), the Digital Coast Act (Public Law 116-223), the National Climate Program Act (Public Law 95-367), and the Infrastructure Investment and Jobs Act (IIJA, Public Law 117-58).

II. Award Information

A. Funding Availability

Total funding for all Track One awards is anticipated to be up to \$25 million. NOAA will not accept applications requesting less than \$500,000 or more than \$2,000,000 in federal funds from Track One under this solicitation. Total funding for all Track Two awards is up to approximately \$550 million. NOAA anticipates receiving applications requesting not less than \$15,000,000 and not more than \$75,000,000 in federal funds for investments that will result in significant resilience and adaptation actions in the region. The exact amount of funds that may be awarded will be determined in pre-award negotiations between the applicant and NOAA. At its discretion, NOAA may reduce the scope and budget of a proposed award or provide separate awards for individual adaptation actions that are proposed as part of a Track Two proposal that may require additional oversight by or collaboration with NOAA.

Any funds provided to successful applicants will be at the discretion of NOAA Office for Coastal Management and the NOAA Grants Management Division (GMD). NOAA or the Department of Commerce are not responsible for the direct costs of application preparation if the applicant fails to receive funding or efforts in their proposal are canceled because of other agency priorities. Publication of this announcement does not obligate NOAA to award any specific project or to obligate any available funds. There is no guarantee that sufficient funds will be available to make awards for all top-ranked applications. The number of awards to be made as a result of this solicitation will depend on the number of eligible applications received, the amount of funds requested, and the merit and ranking of the applications. Applicants should be in compliance with requirements in any existing NOAA grants. Top ranked proposals not initially funded may be considered for funding subsequently if additional funds become available, without NOAA repeating the competitive process outlined in this announcement.

B. Project/Award Period

Applicants may submit applications covering up to a 60-month period with an anticipated start date of October 1, 2024. Pre-award costs and advance payments may be considered during pre-award negotiations between the applicant and NOAA. Incurring pre-award costs before the NOAA GMD provides an award document is at the applicant's own risk. An award may be funded in full for all years, or in increments (usually annually) at NOAA's discretion. More information on pre-award costs can be found in Section IV.F Funding Restrictions.

C. Type of Funding Instrument

Selected applications will be funded through cooperative agreements, as described in 31 U.S.C. 6305 and 2 C.F.R. § 200.1, meaning that NOAA expects to be substantially involved in many aspects of the awards, which may include the provision of NOAA technical assistance and other activities. NOAA's involvement is intended to support the success of award recipients by complementing regional and local knowledge and expertise with additional science and services. NOAA's specific involvement will be negotiated with successful applicants and specific roles and responsibilities will be formalized as part of the final cooperative agreement. NOAA's involvement may also include other roles described in OMB Guidelines at 43 Fed. Reg. 36860 (Aug. 18, 1978), including but not limited to further collaboration on the scope of work, training of recipient personnel, review of procurement materials to the extent authorized by 2 C.F.R. § 200.325, tracking progress towards the successful completion of the project, providing Federal personnel to work on the effort, and specifying direction or redirection of the scope of work due to inter-relationships with other efforts, such as requiring recipients to achieve a specific level of cooperation with other efforts.

Collectively, NOAA's programs and partnerships encompass a significant amount of climate science as well as resilience and adaptation expertise. Applicants are encouraged to connect with relevant NOAA programs and partnerships as part of the application development process, however NOAA employees are not permitted to assist with writing applications for Federal funding. For more information on NOAA technical assistance and relevant NOAA programs and partnerships, visit:
<https://coast.noaa.gov/funding/ira/resilience-challenge/>.

If an applicant requests technical assistance and/or other involvement with current NOAA programs or staff as part of an application, the applicant should describe the nature and extent of the desired roles and responsibilities within the application. The specific roles and responsibilities for NOAA involvement will be negotiated with successful applicants and included as part of the final cooperative agreement. Letters of support from NOAA employees are not allowable and will not be included among the application materials considered by merit reviewers.

Applicants are strongly encouraged to work with other relevant Federal and state agencies, non-governmental organizations, and municipal and county governments. Planned involvement of other federal agencies should be clearly described in the project proposal. Federal agencies and employees are not allowed to receive funds under this announcement but may serve as collaborative project partners. If federal agencies are partners, applicants

are expected to provide detail on the planned level of federal engagement in the application.

III. Eligibility Information

A. Eligible Applicants

Eligible entities who may apply include:

- coastal States, territories, or Tribes;
- counties, cities, or other political subdivisions of a coastal State or territory, including special purpose units of government engaged in economic or infrastructure development activities;
- the District of Columbia;
- institutions of higher education; and
- non-profit organizations or associations, including those acting in cooperation with a State, tribal, local or territorial government; regional councils of government and regional planning councils.

Coastal states are defined in the Coastal Zone Management Act (16 U.S.C. § 1453(4)) as any state of the United States in, or bordering on, the Atlantic, Pacific, or Arctic Ocean, the Gulf of Mexico, Long Island Sound, or one or more of the Great Lakes, including the District of Columbia, Puerto Rico, the Virgin Islands, Guam, the Commonwealth of the Northern Mariana Islands, American Samoa, and former Trust Territories of the Pacific Islands including Federated States of Micronesia, Republic of the Marshall Islands, and Republic of Palau.

The term "Tribe" is synonymous with "tribal government" and means any Indian or Alaska Native Tribe, band, nation, pueblo, village, community, component band, or component reservation, individually identified (including parenthetically) in the list published most recently as of the date of enactment of this subsection pursuant to 25 U.S.C. 5131. The term "tribal organization" means the recognized governing body of any Indian tribe; any legally established organization of Indians which is controlled, sanctioned, or chartered by such governing body or which is democratically elected by the adult members of the Indian community to be served by such organization and which includes the maximum participation of Indians in all phases of its activities (25 U.S.C 5304). While tribal organizations are eligible to apply on behalf of one or more Tribes, they must document tribal approval prior to commencing proposed activities (per 25 U.S.C. 5304). Non-profit organizations are eligible to apply, including state-recognized tribes, Native Hawaiian entities or other non-profit organizations serving the needs of indigenous peoples. Institutions of higher education (as defined in subsection (a) of section 101 of the Higher

Education Act of 1965 (20 U.S.C. 1001(a)) are eligible.

For the purposes of this competition, a group of entities who are applying together are considered a regional collaborative (also referred to as a collaborative or a collaborative team). Collaborative teams must identify a lead entity to submit an application (i.e., the funding recipient, who is the non-federal entity that receives a Federal award directly from a Federal awarding agency, per 2 CFR 200.1). The lead entity is responsible for the award as a whole, including monitoring, reporting, and communicating progress to NOAA. The lead entity should work with other collaborators and partners through subawards and contracts under 2 CFR 200.1 and other arrangements pertinent to the collaborative's activities that do not involve the transfer of funds. In addition, the lead entity must identify a Project Director (PD), who is the individual with the appropriate level of authority and responsibility to direct the activities supported by the grant. Applicants should be aware that the terms Project Director (PD) and Principal Investigator (PI) are used interchangeably. Existing collaboratives that are legal entities and may receive and expend Federal funds are eligible. Regional collaboratives must identify the geography that they represent for the purposes of this competition and the identified geography must be exclusively in coastal states and territories or otherwise enable U.S. coastal communities to prepare for weather and climate impacts, consistent with the Inflation Reduction Act (e.g., in the District of Columbia or in areas impacting coastal waters). It is not required that all collaborators and partners be physically located in coastal states.

Foreign governments are not eligible to apply for funding under this announcement. However, international non-governmental organizations are eligible to participate as funded or unfunded partners in the collaborative if they are conducting projects in one or more of the eligible coastal states and territories.

For-profit organizations may participate as contractors, subrecipients if applicable, or through other arrangements pertinent to the project that do not involve the transfer of funds.

B. Cost Sharing or Matching Requirement

Pursuant to the Inflation Reduction Act, Public Law: 117-169, Section 40001, there is no non-federal matching requirement for this funding. However, applicants are encouraged to leverage NOAA funding with other funds or in-kind contributions from a broad range of other public and private funding sources. Leveraged funds are funds that contribute to an effort funded through this program in addition to the requested federal funds from NOAA. NOAA understands that applicants may face challenges in identifying resources to leverage. The budget narrative should describe any sources of leveraged funds, and in-kind services or efforts to identify leveraging opportunities and any associated challenges. Efforts to leverage

resources will be considered as part of the evaluation criteria as described in Section V.A.

Applicants may choose to designate part or all their Federally negotiated indirect costs as leveraged funds (Refer to Section IV.B PDF 4 Supplemental Materials/Appendices which includes additional information about Indirect Costs). Other federal funds can be included and described in the budget narrative as leveraged funds.

C. Other Criteria that Affect Eligibility

NOAA will not accept applications requesting less than \$500,000 or more than \$2,000,000 in federal funds for Track One, or less than \$15,000,000 or more than \$75,000,000 in federal funds for Track Two under this solicitation.

Applicants should also note that the following activities will not be considered for federal funding:

- 1) activities that alleviate the liability associated with legally required mitigation for the adverse effects of an activity regulated or otherwise governed by local, state, or federal law;
- 2) activities that constitute compensatory restoration for natural resource damages under federal, state, or local law; and
- 3) activities that are required by a separate consent decree, court order, statute, or regulation.

IV. Application and Submission Information

A. Address to Request Application Package

Complete application packages, including required federal forms and instructions, can be found on www.Grants.gov. If a prospective applicant is having difficulty downloading the application forms from www.grants.gov, or using the Grants.gov Workspace feature, contact www.grants.gov Customer Support at 1-800-518-4726 or support@grants.gov.

If an applicant does not have effective access to Grants.gov, application packages shall be requested by emailing resiliencechallenge@noaa.gov. Additional resources to support applicants with the application process can be found at: <https://coast.noaa.gov/funding/ira/resilience-challenge/>

B. Content and Form of Application

1. Letter of Intent (LOI)

For this funding competition, a LOI is required before submitting a full proposal. The LOI should provide a concise description of the proposed work and its relevance to program priorities. NOAA will invite applicants to submit a full proposal if their LOI strongly aligns with the program priorities and includes the required components listed below. An applicant may not submit a full proposal unless they receive an invitation from NOAA after review of a submitted LOI. NOAA anticipates that proposed activities may change between the LOI and the full application. Any full proposal submitted without having received such an invitation will not be reviewed.

Applicants are required to designate a Project Director (PD) within the Letter of Intent and the full application. The Project Director is the individual identified by the lead entity with the appropriate level of authority and responsibility to direct all activities supported by a grant. The PD will serve as the primary point of contact between NOAA and the regional collaborative during the competition and throughout the period of performance for any awards.

The required LOIs shall be sent via electronic mail to resiliencechallenge@noaa.gov with "NOAA Climate Resilience Regional Challenge - Letter of Intent" as the subject line. Letters of Intent must be received by electronic mail by 11:59 p.m. Eastern Time on August 23, 2023. Refer to Section IV.D. below for additional information about LOI submission. Applicants submitting multiple LOIs must use a unique project title for each LOI and may send all LOIs in one email or in multiple emails.

If for any reason applicants are unable to submit their application by email, or if you do not receive an automated response that your application was received by NOAA, send an email to resiliencechallenge@noaa.gov to make alternative arrangements. If necessary, applicants may provide an original paper copy of their LOI by mail. See Section IV.D. below for instruction on submitting a paper application.

The Office for Coastal Management (OCM) will respond to each LOI by electronic mail informing the applicant and their Project Director (PD) whether they are invited to submit a proposal. Applicants who submit an LOI through paper mail will be notified via paper mail at the return address contained within the LOI. NOAA anticipates sending responses by October 11, 2023. If the applicant and the PD does not receive notification by October 12, 2023, the applicant must contact the OCM Grants Coordinator via resiliencechallenge@noaa.gov and request the status of their LOI. The results of the LOI review will be released only to the applicant and the PD unless there are extenuating circumstances. The proposal submission deadlines in this announcement will apply to all

applicants. The LOI should include the following information on a cover page:

- Identification of the NOAA Office for Coastal Management as the intended recipient of the LOI.
- Funding Track applying for: Regional Collaborative Building and Strategy Development (Track One) or Implementation of Resilience and Adaptation Actions (Track Two).
- Project title.
- Applicant name and name and affiliation of their Project Director along with contact information.
- Brief description of the geographic region.
- List of collaborators and/or partners.
- Proposed project start and end dates.
- Total anticipated funding request.

The body of the LOI should be no more than 5 pages, single-spaced, 11 or 12-point font, and must include the following components:

- Description of the geographic region and the resilience vision.
- High-level description of the proposed activities and the intended outcomes.
- Summary of the relationship of proposed activities to ongoing efforts.
- Description of how the activities align to the Program Priorities in 1.B, including description of involvement or engagement of, as well as what benefits will be provided to marginalized, underserved, or underrepresented communities.
- Description of involvement of or engagement with other federal, tribal, state, territorial and/or local agencies, activities, or programs.
- Summary description of anticipated costs including any sub-awards and contracts. For Track Two, include preliminary estimates for each of the proposed adaptation actions.
- Description of any technical assistance needed from NOAA, if known. Please refer to Section II.C. above, and note that NOAA employees are not permitted to assist with writing applications for Federal funding.

A template is available that organizes the information NOAA is requesting in the LOI at: <https://coast.noaa.gov/funding/ira/resilience-challenge/>

2. Full Application

Applicants should submit full applications through the www.Grants.gov website as described in Sections IV.D. and G. below. If for any reason applicants are unable to submit

their application through Grants.gov or are concerned about possible problems associated with the Grants.gov system, send an email to resiliencechallenge@noaa.gov to make alternative arrangements. If necessary, applicants may provide an original paper copy of their full application by mail (see Section IV.D. below for instruction on submitting a paper application).

A complete standard NOAA financial assistance application package should be submitted in accordance with the guidelines in this document. Each full application must include the application forms from the SF-424 form family relevant to what is being proposed:

- Application for Federal Assistance: Form SF-424.
- Budget Information for Non-construction Programs: Form SF-424A
- The non-federal entity must submit a line-item budget (SF-424A) and corresponding budget narrative for each of the funding periods anticipated when applying for a multi-year award.
- Assurances for Non-construction Programs: Form SF-424B.
- Budget Information for Construction Programs: Form SF-424C.
- Assurances for Non-construction Programs: Form SF-424D.
- Certification Regarding Lobbying: Form CD-511.
- Disclosure of Lobbying Activities: Form SF-LLL (if applicable).

In addition to the Federal application forms listed above, applications submitted through the www.Grants.gov website should include a maximum of five files (PDF files only) in addition to the Federal application forms. Page limits assume an 11- or 12-point font and 1-inch margins and may use single spacing. Applicants should number pages in their full proposal and any appendices. There is a 100 megabyte file size limit on individual files. Applicants can upload multiple files to avoid exceeding the 100 megabyte file size limit. The following files are required:

- PDF 1. Project Summary (3 page limit).
- PDF 2. Project Narrative (25 page limit).
- PDF 3. Budget Narrative (no page limit).
- PDF 4. Supplemental Materials/Appendices (50 page limit recommended).
- PDF 5. Letters of Support and Collaboration (no page limit).

PDF 1. Project Summary (3 page limit).

All proposals must briefly describe the activities to be implemented with the requested

funds including:

- Project title.
- Funding Track applying for: Regional Collaborative Building and Strategy Development (Track One) or Implementation of Resilience and Adaptation Actions (Track Two).
- Requested NOAA funding amount.
- Proposed project start and end dates.
- Applicant name and the name and affiliation of their Project Director with contact information.
- Brief description of the geographic region.
- Brief description of the resilience vision, the proposed activities, and the intended outcomes, including equity components.
- List of collaborators and/or partners.
- Brief description of proposed engagement with marginalized, underserved, or underrepresented communities.
- For Track Two, include a list of each adaptation action (approximately three to eight) and the entity that will implement the activity.
- Summary budget table for major project activities, including sub-awards and contracts.
- Brief description of the leveraging of resources from NOAA and other federal, state, territorial and/or local activities or programs (including, if known, brief description of anticipated needs for technical assistance that NOAA may provide).

PDF 2. Project Narrative (25 page limit).

The project narrative should be responsive to the evaluation criteria (see Section V. A. Evaluation Criteria) to receive a consistent review against competing applications. Sufficient detail should be provided to:

- enable reviewers to evaluate the relevance and applicability of proposed work to program priorities described in Section I.B of this announcement;
- determine the technical/scientific merit of the proposed work;
- adequately review the qualifications of the applicants; determine if costs are realistic and commensurate with the project needs and timeframe;
- assess whether the proposal includes a strategy to engage other organizations, groups, and individuals; and
- assess whether the proposed scope of work raises any concerns with regard to federal policy considerations, such as those related to the National Environmental Policy Act, Endangered Species Act, Historic Preservation Act, and Marine Mammal

Protection Act.

The project narrative should contain the following:

- i. **Background.** Provide sufficient background information for NOAA and non-NOAA reviewers to independently assess the significance of the proposed project. Describe the geographic scope of the region, including a map showing participating jurisdictions and location of proposed efforts as applicable. Describe the rationale for this geographic scope based on specific threats from weather and climate impacts, enlisting those with capacities to address those threats, and pursuing and implementing adaptation strategies and actions that increase the resilience of a region. Describe the climate risk, vulnerability, or resilience and adaptation challenge(s) to be addressed, the specific problems, gaps, or needs to be addressed, and the status of and relationship to ongoing efforts to address them.
- ii. **Overall Resilience Vision, Strategies, and Activities.** Describe the vision for resilience and the adaptation strategies and activities to accomplish this vision. The described strategies should address the overarching program priorities described in Section I.B including: risk reduction; regional collaboration and coordination; equity; and enduring capacity. Describe the significant benefits that will be derived from a regional approach. In cases where funding is being requested for a component of work that is part of a larger design or effort, applicants should clearly identify what portion will be implemented with the requested funding. Applicants should provide supporting documentation in PDF 4 (Supplemental Materials/Appendices) that is sufficient to allow reviewers to understand work that has been completed and work that is being proposed for funding.
 - For Track One, describe the proposed activities to build the collaborative as well as specific strategies and associated milestones for progressing the collaborative toward implementation. See Program Overview/Track One (Section I.A.2) for more information on the types of activities that could be undertaken in Track One.
 - For Track Two, describe the adaptation actions (approximately three to eight) and the connection to the overall resilience vision. For each of the proposed adaptation activities, describe the specific activities to be undertaken, the expected outcomes (including but not limited to risk reduction), and the relationship to the program priorities. Describe timelines for major tasks, target milestones for important intermediate

and final activities, and clearly state key project outcomes. Describe how the expected outcomes address program priorities described in Section I.B and any potential obstacles to successful completion of proposed activities. See the description for PDF 4 Supplemental Materials/Appendices for additional information to include in the application for construction activities and land acquisitions.

- iii. **Framework for Collaboration.** Describe the general approach of the collaborative team, if relevant, including the organizational structure and function. Describe efforts by collaborators and/or partners to engage and provide benefits to marginalized, underserved, or underrepresented communities, and Tribes. This should clearly identify both efforts completed during the application development process and those that are proposed for funding related to establishing or supporting the regional collaborators. Describe the roles of collaborators, if relevant, including their experience and capacity in completing similar efforts. Describe how collaborators will interact with each other and with partners to accomplish the proposed efforts, including specific communication mechanisms to be used, and how they will contribute to the outcome or results of the project. Describe whether collaborators and/or partners are proposed to receive funding under the award as subrecipients or contractors. Note that subaward means an award provided by a pass-through entity to a subrecipient for the subrecipient to carry out part of a Federal award, including a portion of the scope of work or objectives. It does not include payments to a contractor or payments to an individual that is a beneficiary of a Federal program. Contract means a legal instrument by which a non-Federal entity purchases property or services needed to carry out the project or program under a Federal award. See 2 C.F.R. § 200.1.

Also, describe how other federal, state, tribal, territorial, and local government agencies will be connected to, integrated, and leveraged in the project, including connections to other federally-supported resilience and adaptation efforts and investments. Describe resources to be leveraged by the applicant, including information sources, assessments, studies, plans, programs, and partnerships, and previous or ongoing efforts to marry technical and scientific capacity with local knowledge and values. Describe efforts to develop a plan for sustaining coordination and collaboration following the period of performance of the federal award. Letters of collaboration from identified collaborators, partners, and any letters of support from communities, or other interested parties should be included in a separate PDF.

For applicants that are collaboratives, the application should include a letter or letters identifying the Project Director/lead for the collaborative team and evidence that each collaborative team member has read the application and is committed to executing its roles, responsibilities, or commitments related to the collaborative team. NOAA discourages form letters of support and encourages letters describing concrete engagement and commitments from all identified collaborators and partners.

- iv. **Engagement, Workforce Development, and Knowledge Transfer.** Describe how the public and other stakeholders will be engaged in the development of the desired outcomes, how information generated by the applicant will reach its target audience(s) and have a positive impact within and outside the region, and how the proposal uses best practices for communicating risk to target audiences. Describe activities to support the transfer of knowledge within and outside of the region by organizing, creating, capturing, and/or distributing knowledge to ensure its availability for future use. Appropriate activities for knowledge transfer may include but are not limited to the development of information products, tools, training, or risk communication and outreach. It also could include improving access to data and information related to current and future environmental, economic, and social conditions, and building capacity to integrate this information into sound planning and decision making. Describe efforts, if any, to identify workforce needs that will be required to implement resilience and adaptation actions into the future. For Track Two, describe workforce requirements needed to implement identified projects, including types and levels of positions related to: resilience or adaptation planning; coastal restoration design, permitting, engineering; risk modeling; land and natural resources valuation; applied social science; geospatial analysis; and other expertise as required.
- v. **Strategy for Advancing Equity and Support for Underserved Communities.** NOAA is committed to advancing equity for all, including people of color and others who have been marginalized, underserved, and underrepresented, and adversely affected by persistent poverty and inequality. Applicants should address these factors in the design of their proposed projects. The NOAA Climate Resilience Regional Challenge program will advance the Justice40 Initiative requiring that 40 percent of the overall benefits of this effort flow to disadvantaged communities that are marginalized, underserved, and overburdened by pollution. NOAA encourages all applicants to use the information available through the following tools to assist them in identifying and

assessing the marginalized, underserved and underrepresented communities that are connected to their proposed adaptation actions. Applicants should use the Climate & Economic Justice Screening Tool (CEJST) as the primary tool to identify disadvantaged communities. Applicants are encouraged to use the information available through any of the following tools to assist in assessing how the benefits of a project will reverse or mitigate the burdens of disadvantaged:

- Climate and Economic Justice Screening Tool
(at <https://screeningtool.geoplatform.gov/en/#3/33.47/-97.5>);
- the National Risk Index
(at <https://www.fema.gov/flood-maps/products-tools/national-risk-index>);
- the Environmental Justice Index
(at <https://www.atsdr.cdc.gov/placeandhealth/eji/index.html>);
- EJScreen (at <https://www.epa.gov/ejscreen>);
- US Census Community Resilience Estimates
(at <https://www.census.gov/programs-surveys/community-resilience-estimates/data/tools.html>); and other relevant tools.

In this section, applicants should describe how engagement and benefits to marginalized, underserved and underrepresented communities and tribes will be supported in the proposal. Tribes and other lead entities who are themselves, or who represent the interests of, marginalized, underserved, or underrepresented communities, should describe how the proposed efforts expand participation and meet the needs of these populations and the role of marginalized, underserved and underrepresented communities in decision-making. All applicants should describe ways in which the collaborative team will foster an inclusive environment and recruit from, engage with, and collaborate with members of marginalized, underserved, and underrepresented communities, or other organizations or institutions serving the needs of these populations. Applicants should describe the provision of financial resources to enable engagement and collaboration with marginalized, underserved, and underrepresented communities, or other organizations or institutions serving the needs of these populations. Applicants are encouraged to highlight previous efforts and relationships that add value to the proposed activities. Applicants should also describe opportunities for individuals in underserved communities through educational opportunities, job training, job creation, workforce development, leadership development, and training programs structured toward long-term careers and not limited to entry-level skill building.

vi. Evaluation. Describe the approach for evaluating performance and results using

clear measure(s) of success. For both tracks, this includes monitoring the effectiveness of proposed activities and reporting the impact of associated outcomes during the period of performance. For Track Two, this should also include plans to monitor longer-term effectiveness of proposed strategies and adaptation actions beyond the period of performance where appropriate, including collecting quantitative and qualitative data on outcomes and impacts. NOAA may request modifications to proposed evaluation activities during the negotiation process for selected awards to support federal performance measurement and reporting activities. Costs associated with evaluation and the collection of additional data or information for monitoring effectiveness are eligible for funding; however, only for the duration of the award's period of performance. If data collection is proposed, applicants are encouraged to plan for longer-term data management needs in coordination with NOAA, as described in Section VI.B.6 of this announcement.

PDF 3. Budget Narrative (no page limit).

Provide a budget narrative that follows the categories and formats in the NOAA grants package (see object classes on Form SF-424A). The budget narrative should clearly identify and justify the cost of separable elements of the proposed work. For Track One proposals, clearly identify the costs associated with the activities intended to build the collaborative and progress towards implementation. For Track Two proposals, the budget narrative should include a detailed breakdown by category of cost (object class) for each of the adaptation actions (approximately three to eight).

The budget narrative should be sufficiently detailed to enable a clear understanding of the cost breakdown and calculations used to derive the line item subtotals in each object class of the SF-424A budget. All budget forms (i.e., SF-424, SF424-A (or SF424-C for construction awards) must match the budget narrative. Each identified non-construction subaward should include form SF-424A. Each identified construction subaward can include form SF-424A, but must include form SF-424C. NOAA may require awards to comply with additional statutes, standards, or regulations such as the Americans with Disabilities Act. NOAA may request additional information for any awards (construction or non-construction projects) selected for funding during the award negotiation process to ensure compliance.

An award or subaward requires use of the SF424-C when it is considered a construction award. An award or subaward is considered a construction award when the primary purpose of the financial assistance is to support construction activities and the primary purpose of the project is construction, such as renovation or rehabilitation of existing buildings, and

construction or development of real property infrastructure improvements (e.g., site preparation, utilities, streets, curbs, sidewalks, parking lots, other streetscaping improvements, etc.). In contrast, alteration activities incidental to the primary purpose of an award are generally not considered to constitute a construction award. For example, if the primary purpose of an award or subaward is to allow a recipient to conduct educational or business seminars, the renovation of an educational exhibit or staging area would not be considered construction.

NOAA staff will review budget information to determine if costs are allowable, allocable, reasonable, and realistic. Applicants should include detailed budget information regarding all known contracts and subawards, including funding to regional collaborators beyond the applicant, and indicate the basis for the cost and price estimates in the narrative. Describe activities to occur or products or services to be obtained and indicate the applicability or necessity of each to the project. Detailed budget information includes:

- Name of identified qualified subrecipient or contractor, affiliation, contact information, and method of selection. For "to be determined," describe plans for selection.
- Period of Performance. Include the dates for the performance period. If it involves several tasks, include the performance period for each task.
- Scope of Work. List and describe the specific activities or tasks to be performed.
- Criteria for Measuring Accountability. Include an itemized line-item breakdown as well as total contract/award amount. If applicable, include any indirect costs paid under the contract/award and the indirect cost rate used.
- Itemized Budget. Include categories used in the program budget for subrecipients or cost-based contractors. If applicable, include any direct cost paid under the subaward or contract, and the indirect cost rate used.

All subawards and contracts must be made consistent with the requirements of 2 C.F.R. §§ 200.331-200.333 for subawards, and 200.317-200.327 for procurements.

Any proposed geospatial data acquisitions should use the NOAA Coastal Geospatial Services Contract (more information at <https://coast.noaa.gov/idiq/geospatial.html>). If an applicant intends to acquire geospatial data but does not intend to use the NOAA Coastal Geospatial Services Contract, they should contact resiliencechallenge@noaa.gov to discuss the rationale and alternative data collection and management options before completing the application. Applicants proposing geospatial data acquisitions should include information about the type, timing, location, and of the data to be collected within the Project Narrative and estimated cost within the Budget Narrative. Estimated costs should not be included in the standard NOAA budget forms (SF424, SF424-A/B, SF424-C/D) given the proposed

acquisition will take place outside of the grant award if the proposal is selected for funding. Once selected for funding, NOAA will coordinate the acquisition process with the applicant during the award negotiation process. NOAA will work with tribal agencies and tribal organizations on appropriate data sovereignty and sharing agreements on any tribally collected data within the constraints of applicable federal laws. Data approved for public access by the Tribes and all other data collected through the Coastal Geospatial Services Contract will be made available via the Digital Coast.

For any equipment, a description of the item and associated costs or price is required, including a description of how it will be used in the project. Note that equipment is defined as tangible personal property (including information technology systems) having a useful life of more than one year and a per-unit acquisition cost which equals or exceeds the lesser of the capitalization level established by the non-federal entity for financial statement purposes, or \$5,000. See 2 C.F.R. § 200.1 Equipment, 2 C.F.R. § 200.313, and 2 C.F.R. §§ 200.317-327.

The cost or price, purpose, and method of selection for identified and planned acquisition contracts should be thoroughly justified in the Budget Narrative. Describe products or services to be obtained and indicate the applicability or necessity of each to the project. Procurements are subject to policies described in 2 C.F.R. §§ 200.317-327. For “to be determined,” describe plans for selection.

The budget narrative should describe any sources of leveraged funds or in-kind services. Leveraged funds are funds that are spent on a funded project in addition to the requested federal funds from NOAA. NOAA understands that applicants may face challenges in identifying resources to leverage. In these circumstances, NOAA encourages applicants to describe the challenges they have encountered.

The budget narrative should also provide, to the extent possible, detailed information on travel, including costs, a description of anticipated travel, destinations, the number of travelers, and a justification of how the requested travel is directly relevant to the successful completion of the project. If actual trip details are unknown, applicants should state the basis for the proposed travel charges. Applicants should allocate travel funds for any necessary coordination meetings at regional or national levels. Applicants are encouraged to factor in travel costs for up to two representatives of each collaborative to participate in three national meetings in the Washington, D.C. area for recipients of awards from this program during the period of performance. Applicants may also factor in travel costs for participation in a bi-annual NOAA Grants Management Division workshop, located in Silver Spring, Maryland or potentially the U.S. west coast.

If a foreign air carrier is anticipated to be used for any portion of travel, prior approval is required under the DOC Financial Assistance Standard Terms and Conditions, Section G.05.d., and therefore, such travel should be included in the proposal to avoid having to request prior approval after the project starts. See Department of Commerce Financial Assistance Standard Terms and Conditions at:

https://www.commerce.gov/sites/default/files/2020-11/DOC%20Standard%20Terms%20and%20Conditions%20-%202012%20November%202020%20PDF__0.pdf.

Applicants should also include costs for signage in proposed budgets for construction and non-construction land acquisition activities. Signage which is visible to the public is required for projects that exceed \$5,000,000 in federal funds or result in 6 months of on the ground construction activity, provided the signage does not involve great administrative burden to the recipient. The costs to procure, distribute, and install signage should be included in proposed budgets. Signs shall meet the specific design requirements in the Building A Better America Brand Guide and no alterations and/or modifications shall be made. The sign must be placed in a visible location that can be directly linked to the work taking place and must be maintained in good condition throughout the work period. If work is taking place in communities where English is not the predominant language, applicants are encouraged to translate the language on the signs. Applicants are encouraged to use recycled or recovered materials when procuring signs.

Detailed guidance for budget justification from NOAA's Grants Management Division is available: https://coast.noaa.gov/data/coasthome/funding/_pdf/forms/budget-narrative-guidance-for-NOAA-grants.pdf.

PDF 4. Supplemental Materials/Appendices (50 page limit recommended).

Supplemental materials and appendices should be limited to materials that directly support the main body of the proposal and should not exceed a maximum of 50 pages. All supplemental materials should be combined into a single PDF as appendices, including a cover page that lists all of the documents and associated page numbers. The compiled PDF should be uploaded under the "Other Attachments Form" in Grants.gov. Only material that is submitted as a single package will be reviewed by merit reviewers. The following documents should be included in the Supplemental Materials:

- i. Resumes. Provide resumes for the Project Director and other key personnel critical to the success of the proposed efforts. Ensure that all resumes address the

qualifications relevant to conducting the proposed work. Please limit each resume to a maximum of two pages.

- ii. **Data Management Plan.** Provide a Data Management Plan as described in Section VI.B.6. of this Announcement.
- iii. **National Environmental Policy Act (NEPA).** Refer to Section VI.B.4. of this Announcement for information about the types of environmental information that should be described in the application.
- iv. **Negotiated Indirect Cost Rate Agreement (if applicable).** The proposed budget may include an amount for indirect or "Facilities and Administrative" costs if the applicant has an established indirect cost rate with the federal government. Indirect costs are essentially overhead costs for basic operational functions (e.g., utilities, rent, and insurance) that are incurred for common or joint objectives and, therefore, cannot be identified specifically within a particular project. See 2 CFR 200.1 and 200.412-415.

A copy of the current approved negotiated indirect cost agreement with the federal Government should be included with the application package. If an award recipient does not have a current negotiated (including provisional) rate, it may elect to charge a de minimis rate of 10 percent of modified total direct costs (MTDC) unless subject to an exception in 2 C.F.R. § 200.414(f). Non-federal entities may use this rate indefinitely but may choose to negotiate an indirect (F&A) cost rate at any time. This de minimis rate option is not available to state and local governments, and Tribes.

Alternatively, the negotiation and approval of a new rate is subject to the procedures required by NOAA and the DOC. If an applicant proposes establishing a new rate, the U.S. Department of Commerce, Financial Assistance Standard Terms and Conditions require that recipients within 90 days of the award start date, submit to the address listed below documentation (indirect cost proposal, cost allocation plan, etc.) necessary to perform the review.

Raishan Adams, Grants Officer
NOAA Grants Management Division
1325 East West Highway, 9th Floor
Silver Spring, Maryland 20910
Raishan.Adams@noaa.gov

Indirect-cost-rate-agreement documentation is not required for sub-awardees;

however, indirect cost rates at the negotiated levels should be paid by the primary awardee. Costs must be consistently charged as either indirect or direct costs, but may not be double charged or inconsistently charged as both pursuant to 2 C.F.R. § 200.403 "Factors affecting allowability of costs."

- v. **Supporting Documentation.** For all construction activities proposed under Track Two, including construction of natural or green, and hybrid, infrastructure, applicants should provide details regarding the current status of proposed activities including whether the project is in conceptual stage, preliminary design, final design and permitting, or construction ready. Applicants should provide information that is sufficient to allow reviewers to understand work that has been completed and work that is being proposed for funding. This may include project designs, maps, permitting information, and other compliance related documentation. Applicants are encouraged to demonstrate how current and future coastal hazard risks, including flood risks, inundation, erosion, and sea level rise, have been considered in the planning and design of construction activities.

To ensure compliance with Executive Order 13690, the Federal Flood Risk Management Standard (FFRMS), applicants must, at a minimum, identify the current 100-year floodplain in relation to any proposed construction activity. The FFRMS requires federal agencies to use best-available information in identifying the floodplain and to reduce risks and costs associated with future flood disasters for federal investments in and affecting floodplains to meet higher flood risk standards. NOAA may request additional information to ensure compliance during the negotiation

process for awards that are selected for funding. Applicants should also describe how the project design conforms with the latest published editions of additional relevant codes, specifications, and standards that incorporate the latest hazard-resistant designs.

Proposals including construction activities should include a comprehensive project schedule describing all activities from the start of the award, including when the project will commence and demonstrating that the project will be able to complete construction within the period of performance. Proposals should clearly state the month and year in which the project's final design was or will be completed, all permits needed to begin construction, and information on the status of permitting (e.g., date when permit applications were submitted or date when permits were issued). In cases where funding is being requested for a component of work that is part of a larger design or effort, applicants should clearly identify what portion will

be implemented with the requested funding.

For all land acquisitions proposed under Track Two, applicants should provide details regarding the current status of the proposed acquisition and information that is sufficient to allow reviewers to understand work that has been completed and activities that are being proposed for funding. Proposals with land acquisitions must include a complete and self-contained appraisal prepared by an independent State-approved appraiser. The negotiated price of the property or conservation easement should be based on the fair market value as established by the appraisal. Appraisals must reflect nationally recognized appraisal standards, including the Uniform Appraisal Standards for Federal Land Acquisition (the Yellow Book). If an appraisal has not been completed at the time a proposal is submitted, the applicant may propose a good faith estimate of the cost for the acquisition based on market value or agreement with the willing seller. However, if the acquisition is selected for funding, an appraisal will be required before funds can be released. The cost of the acquisition cannot exceed the estimated cost in the application. If the appraised value of the property is higher than the estimated cost in the proposal, the applicant must make up the difference. If the appraised value is lower than the estimated cost, NOAA may reduce the Federal share of the acquisition as appropriate.

PDF 5. Letters of Support and Collaboration (no page limit).

Letters of support and collaboration should be combined into a single PDF. The compiled PDF should be uploaded under the "Other Attachments Form" in Grants.gov. Only material that is submitted as a single package will be reviewed by merit reviewers, including letters of support. Letters of support received by NOAA after the application has been submitted will not be considered in the merit review process.

- i. Letters of Collaboration. Include a letter of commitment from each collaborator (including letters signed by multiple collaborators) that documents review of the application and includes a statement of commitment to supporting and executing the activities proposed in the application. Letters of collaboration do not need original signatures.
- ii. Letters of Support. Letters from partners, including individuals, agencies, organizations, or institutions that cooperate with or are supportive of the project should be included in the application package. Letters of support from NOAA employees are not allowed and will not be included among the application materials considered by merit reviewers. Letters of support do not need original signatures. If

a regional collaborative does not include at least one unit of local, tribal, or state government as a collaborator, the applicant must include at least one letter of support from a unit of local, tribal, or state government.

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

Applicants should:

- 1) be registered in the federal System for Award Management (SAM.gov) before submitting an application;
- 2) provide a valid Unique Entity Identifier (UEI) on an application; and
- 3) continue to maintain an active SAM registration with current information at all times during which it has an active federal award or an application or plan under consideration by a federal awarding agency.

NOAA may not make a federal award to an applicant until the applicant has complied with all applicable unique entity identifier and SAM requirements and, if an applicant has not fully complied with the requirements by the time NOAA is ready to make a federal award, NOAA may determine that the applicant is not qualified to receive a federal award and use that determination as a basis for making a federal award to another applicant.

Applicants should allow a minimum of two weeks to complete the SAM registration; registration is required only once but must be periodically renewed. On April 4, 2022, the federal government began using a new Unique Entity Identifier (UEI) number provided by SAM. Your organization's Employer Identification Number (EIN) will be needed to receive a UEI, which is provided by SAM. If your entity is already registered in SAM.gov, your new UEI has already been assigned and is viewable in SAM.gov. This includes inactive registrations.

Applicants are strongly encouraged not to wait until the application deadline date to begin the application process through www.grants.gov. An entity potentially interested in applying should immediately register for SAM or check to assure that their previous registration is up to date and any necessary renewal has been processed.

D. Submission Dates and Times

The deadline for receipt of Letters of Intent (LOI) is August 23, 2023 at 11:59 p.m. Eastern Time. For LOIs submitted by email, the date and time indication of the receiving server will be the basis of determining timeliness. Note that receipt may be delayed if email servers are not functioning efficiently. Applicants submitting multiple LOIs must use a unique project title for each LOI and may send all LOIs in one email or in multiple emails. If

an applicant does not receive acknowledgement that its LOI was received by NOAA, it should send an email to resiliencechallenge@noaa.gov. For paper copy submission of LOIs, see below.

Full applications must be submitted by February 13, 2024 at 11:59 p.m. Late applications will not be considered for funding. Submission time will be documented by electronic submission to Grants.gov, a U.S. Postal Service postmark, or a delivery service receipt. Information regarding electronic submission through Grants.gov and the address for paper applications is contained below and in Section IV.G. No facsimile or electronic mail applications will be accepted. All applications must contain all required forms signed by an authorized organization representative. Digital signatures are allowed.

If for any reason applicants are unable to submit their application through Grants.gov or are concerned about possible problems associated with the Grants.gov system, send an email to resiliencechallenge@noaa.gov to make alternative arrangements. If necessary, applicants may provide an original paper copy of their LOI or full application by mail. Applications submitted by mail must include all relevant application elements described above, a SF-424 form with original ink or valid electronic signature and date from an authorized recipient organization representative and the entire package should be stamped with an official U.S. Postal Service postmark or provided to a commercial carrier with tracking number and receipt on or before 11:59 pm Eastern on February 13, 2024. Private metered postmarks are unacceptable. Address all mailed applications to:

Grant Coordinator, Business Operations Division
ATTN: Climate Resilience Regional Challenge
NOAA Office for Coastal Management
2234 South Hobson Avenue
Charleston, SC 29405-2413
resiliencechallenge@noaa.gov

Paper applications received more than seven calendar days after the deadline will not be reviewed, and applicants submitting by paper are responsible for tracking their applications. Proposal application packages, including all letters of collaboration and letters of support, shall be submitted together in one package. Failure to submit forms may result in disqualification from this competition. In addition, email resiliencechallenge@noaa.gov to inform NOAA that a paper application is forthcoming. Applicants should consider the possibility of unforeseen events that could affect their Internet access and use of Grants.gov on or before application due dates. Applicants should be aware that localized hazardous weather or other situations beyond their control affecting their ability to submit packages

before deadlines may not result in changes to the application deadline.

E. Intergovernmental Review

Applications submitted under this notice are subject to the provisions of Executive Order 12372, "Intergovernmental Review of Federal Programs." Any applicant submitting an application for funding is required to complete item 19 on Form SF-424 regarding clearance by the State Single Point of Contact (SPOC). To find out about and comply with a State's process under Executive Order 12372, the names, addresses, and phone numbers of participating SPOCs are listed on the Office of Management and Budget's home page at: <https://www.whitehouse.gov/wp-content/uploads/2020/04/SPOC-4-13-20.pdf>.

F. Funding Restrictions

The placement of sand on beaches for renourishment is not eligible for funding under this announcement. In addition, the construction of shoreline stabilization structures are not eligible for funding under this announcement, unless they are part of a hybrid green and gray adaptation action. Shoreline stabilization structures are hard structures used to create rigidity and include breakwaters, riprap, jetties, breakwaters, seawalls, and revetments.

Per 2 C.F.R. § 200.453, NOAA authorizes award recipients to expend pre-award costs up to 90 days before the period of performance start date at the applicant's own risk without approval from NOAA and in accordance with the applicant's internal policies and procedures. As such, pre-award costs may be incurred up to 90 days prior to the effective date of and in anticipation of the award, if such costs are necessary for efficient and timely performance of the scope of work. Pre-award costs incurred after the publication of this Funding Opportunity but more than 90 days before the start of the award may also be considered, but require prior approval from NOAA. This does not change the period of performance start date. Pre-award costs and advance payments should be considered and discussed during pre-award negotiations between the applicant and NOAA representatives. Such costs are allowable only to the extent that they would have been allowable if incurred after the date of the Federal award and only with the written approval of the Federal awarding agency. This could include proposal preparation costs (as defined at 2 C.F.R. § 200.460) that are not covered in indirect costs. Pre-award costs will be a portion of, not in addition to, the approved total budget of the award. All costs incurred before NOAA makes the award are at the recipient's risk (i.e., NOAA is not required to reimburse such costs if for any reason the recipient does not receive a Federal award or if the Federal award is less than anticipated and inadequate to cover such costs).

Pre-award costs eligible for land acquisitions include costs necessary for conducting appraisals, title work, and environmental assessments. The cost of land acquisition may also

be reimbursed as a pre-award cost if the acquisition occurred between the date this Notice of Funding Opportunity is published and the start date for an approved grant award.

Reimbursement of funds is subject to NOAA's approval of due diligence documents; closing on a property prior to the award start date is at the applicant's risk. For land acquisitions, funds may not be used for:

- funding operations, maintenance, and management of the land beyond the period of performance (above those costs allowed for initial land stewardship);
- acquisition of lands, or interests in lands, that completely restrict access to specific persons (e.g., non-residents of a community);
- acquisition of lands, or interests in lands, to comply with mandatory or compensatory mitigation for recent, pending or future habitat losses resulting from the actions of agencies, organizations, companies, or individuals;
- enforcing fish, wildlife, or other regulations, either solely or primarily, except when necessary for the accomplishment of approved project purposes; or
- reimbursement of expenses that have been incurred prior to the start of a grant award, except those approved as pre-award costs.

G. Other Submission Requirements

Applicants should submit full applications electronically through www.Grants.gov. Users of Grants.gov will be able to download a copy of the application package, complete it off line, and then upload and submit the application via the Grants.gov site. If an applicant has problems downloading the application forms from Grants.gov, contact Grants.gov Customer Support at 1-800-518-4726 or support@grants.gov.

NOAA highly recommends that applicants do not wait until the application deadline to begin the application process through Grants.gov, as registration with SAM is required, as described in Section IV.C. After electronic submission of the application, applicants will receive an automatic acknowledgment from Grants.gov that contains a Grants.gov tracking number. Applications submitted through Grants.gov will be accompanied by THREE automated responses (the first confirms receipt by Grants.gov, not NOAA; the second confirms that the submission is acceptable and timely; and the third validates that the application has been forwarded to NOAA for further processing).

If all notifications are not received, applicants should follow up with the Grants.gov help desk to confirm NOAA receipt of the complete submission. Applicants should document communications with the Grants.gov help desk in the event technical issues arise. Applicants are strongly encouraged to submit applications early in the event technical issues arise.

NOTE: It may take Grants.gov up to two business days to validate or reject the application. Keep this in mind in developing your submission timeline. Applicants should allow themselves sufficient time to submit their application to Grants.gov in advance of the deadline to ensure applications have been submitted successfully, as waivers of the submission deadline will not be granted. Late applications will not be accepted. If an applicant is unable to use the preferred submission method (Grants.gov) or is unsure about the success of their submission to Grants.gov, a signed paper copy application must be postmarked, or provided to a delivery service and documented with a receipt, by the deadline under "Submission Dates and Times" in Section IV.D and sent to:

Grant Coordinator, Business Operations Division
ATTN: Climate Resilience Regional Challenge
NOAA Office for Coastal Management
2234 South Hobson Avenue
Charleston, SC 29405-2413
resiliencechallenge@noaa.gov

Mandatory requirements regarding signatures and the format of paper copy applications are described in Section IV.D. Paper applications submitted by the deadline must be received by NOAA within seven business days. While email applications will not be accepted, applicants should notify resiliencechallenge@noaa.gov that a paper application was submitted by the deadline and request confirmation when the application is received.

Grant Coordinator, Business Operations Division
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2234 South Hobson Avenue
Charleston, SC 29405-2413

V. Application Review Information

A. Evaluation Criteria

LETTER OF INTENT EVALUATION CRITERIA

The Letter of Intent (LOI) evaluation criteria in this program and weights for each criterion are below. Track One and Track Two LOIs will be evaluated separately. NOAA anticipates that highly ranked LOIs will satisfy most or all of the criteria listed in this section.

1. Program Priorities (60 Points). Questions relevant to this criterion include the extent the application addresses the program priorities listed in Section I.B.

- Risk Reduction (15 points) - For Track One LOIs, to what extent does the proposed effort prepare the region for implementation of future actions that will reduce risk to coastal communities, infrastructure, economies, and ecosystems from weather and climate impacts? For track Two LOIs, to what extent will the proposed effort reduce risk to coastal communities, infrastructure, economies, and ecosystems from weather and climate impacts?

- Regional Coordination and Collaboration (15 points) - To what extent does the proposed effort promote regional coordination and collaboration through a shared vision for how to improve resilience within the specific geography or region? To what extent is the size and location of the specified region likely to facilitate implementation of resilience and adaptation actions that ensure benefits flow to coastal communities?

- Equity and Inclusion (15 points) - To what extent does the proposed effort support development, identification, or implementation of equitable adaptation strategies and actions led by or with members of marginalized, underserved, and underrepresented communities and/or Tribes? Does the proposed effort advance environmental justice and provide opportunity for disadvantaged communities?

- Enduring Capacity (15 points) - To what extent does the proposed effort aim to build capacity for adaptation that can be sustained into the future beyond the period of award, including for Tribes and/or marginalized, underserved, and underrepresented populations?

2. Technical Merit (10 points). Questions relevant to this criterion include: To what extent are the vision, strategies, activities, and outcomes of the proposed efforts clear? To what extent are the proposed activities appropriate for accomplishing the stated vision and outcomes?

3. Project Costs (10 points). Questions relevant to this criterion include: To what extent are the estimated costs realistic and commensurate with the project needs and time frame?

4. Outreach and Engagement (20 points). Questions relevant to this criterion include:

To what extent do the proposed effort include specific activities for involving or engaging a wide range of agencies and organizations, including marginalized, underserved, and underrepresented communities, and Tribes? Does the LOI reflect connections with or intent to connect with NOAA's partnerships?

LOIs will undergo a technical review (with at least three reviewers), ranking, and selection process to determine eligibility to submit a full application. The LOI Evaluation Criteria will be scored as follows:

- 0 – Poor: LOI does not address Evaluation Criterion;
- 1 – Fair: LOI marginally addresses Evaluation Criterion;
- 2 – Good: LOI adequately addresses Evaluation Criterion; or
- 3 – Excellent: LOI exceptionally addresses Evaluation Criterion.

The Letter of Intent's average score is then calculated using the weights and ratings for each criterion, as follows:

$$\begin{aligned}
 &(\text{Rating for "Risk Reduction"} \times 0.15) + \\
 &(\text{Rating for "Regional Coordination and Collaboration"} \times 0.15) + \\
 &(\text{Rating for "Equity"} \times 0.15) + \\
 &(\text{Rating for "Enduring Capacity"} \times 0.15) + \\
 &(\text{Rating for "Technical Merit"} \times 0.20) + \\
 &(\text{Rating for "Project Costs"} \times 0.05) + \\
 &(\text{Rating for "Outreach and Engagement"} \times 0.15) + \\
 &\text{Sum of all review scores} / \# \text{ of reviewers} = \text{Total Score (Range: 0.00 - 3.00)}
 \end{aligned}$$

FULL APPLICATION REVIEW CRITERIA

Reviewers will assign scores to full applications ranging from 0 to 100 points based on the following five standard NOAA evaluation criteria. Criteria and sub-criteria will be evaluated holistically up to the number of points specified.

1. Importance/Relevance and Applicability. These criteria are related to the program priorities.

Risk Reduction: This factor evaluates the extent to which the proposed approach, strategies, and actions reduce risk to coastal communities, infrastructure, economies, and ecosystems from weather and climate impacts.

For Track One (10 points), does the proposal:

1. Describe the risk from weather and climate impacts within the project area?
If not, does the proposal include activities to assess risk and vulnerability within the project area?
2. Articulate a regional resilience vision and propose development of strategies, approaches or plans to support implementation of future adaptation actions?
3. Describe specific needs or gaps within the region that will be addressed by the collaborative's activities? If not, does the proposal describe a process to identify them?
4. Describe how the benefits of a regional approach will flow to coastal communities?
5. Describe the impact the strategy will have when implemented and how the collaborative will pursue implementation?

For Track Two (15 points), does the proposal:

1. Articulate a vision, specific resilience and adaptation actions with co-benefits, and associated outcomes based on the needs, issues, or gaps within the region?
2. Describe a suite of complementary adaptation actions, grounded in existing plans or strategies, that are achievable within the proposed period of performance?
3. Provide a description of each proposed implementation action and specific plans for implementing each action (e.g., timeline, mechanism, etc.)?
4. Describe how the suite of proposed adaptation actions will measurably increase resilience of the region?

Regional Coordination and Collaboration. This factor evaluates the extent to which the applicant includes the appropriate entities for a specific geography in the collaborative team and proposes activities that are likely to advance specified goals.

For Track One (20 points), does the proposal:

1. Describe the geographic scope of the regional collaborative and how the size facilitates collaboration?
2. Include the necessary collaborators and partners to accomplish stated goals (including appropriate government entities) and how each of the collaborators are connected to the priorities?
3. Articulate steps and actions to create and sustain the collaborative team?
Include activities to incorporate indigenous knowledge, local and community knowledge and values related to climate adaptation within the region?

4. Describe the leadership, organizational, and administrative framework for the collaborative team, or propose activities that will result in an organizational and administrative framework?

For Track Two (10 points), does the proposal:

1. Describe the geographic scope of the suite of adaptation actions and how that size facilitates implementation?
2. Articulate a governance approach for the proposed suite of adaptation actions that ensure they complement each other and collectively contribute to regional adaptation objectives and actions that have been identified?
3. Demonstrate that it has enlisted the expertise and entities required to address the identified climate change threats holistically and collaboratively, including engagement and commitment from any relevant collaborators and/or partners?
4. Demonstrate integration and leveraging of federal, state, and local entities, as well as Tribes, tribal organizations, and non-governmental organizations?

Equity and Inclusion (15 points). This factor evaluates the extent to which the proposed activities are co-developed with Tribes or marginalized, underserved, and underrepresented communities and support development and implementation of equitable adaptation strategies and actions.

For Track One (15 points), does the proposal:

1. Identify, or propose to identify as an action, those who are most vulnerable to weather and climate impacts within the geography of interest, including Tribes or marginalized, underserved, and underrepresented populations, as well as disadvantaged communities?
2. Include both short-term and long-term activities that are led by or engage with, and provide resources to, Tribes or marginalized, underserved, and underrepresented communities? This should include resources for these communities to lead projects or engage in the process (e.g., attend meetings, provide expertise, etc.).
3. Describe how those Tribes or marginalized, underserved and underrepresented communities have co-developed or will be integrated into project activities? Does it clearly explain what inclusion looks like?
4. Describe activities to overcome known barriers to engagement of Tribes or marginalized, underserved, and underrepresented communities, or propose activities to identify barriers?

For Track Two (15 points), does the proposal:

1. Identify, or propose to identify as an action, those who are most vulnerable to weather and climate impacts within the geography of interest, including Tribes or marginalized, underserved, and underrepresented populations, as well as disadvantaged communities?
2. Describe the outreach that was done with Tribes or marginalized, underserved and underrepresented communities in developing and identifying the proposed adaptation actions? Or include plans for doing so (or continuing to do so) prior to and during implementation of these adaptation actions?
3. Identify the benefits that will accrue to Tribes or marginalized, underserved and underrepresented communities from the implementation of the proposed adaptation actions?
4. Identify the potential mitigation for any burdens that could be placed on these communities from the actions?
5. Describe activities, including staff time and dedicated funding, to ensure continued engagement of Tribes or marginalized, underserved, and underrepresented communities and incorporation of those communities into decision making processes?

Enduring Capacity (10 points). This factor evaluates the extent to which the proposed activities will build enduring capacity for adaptation within specified regions, including Tribes or marginalized, underserved, and underrepresented communities.

For Track One (10 points), does the proposal:

1. Include activities to improve planners', decision makers' and coastal stakeholders' access to and capacity to apply data and information related to current and future environmental, economic, and social conditions and integrate information into sound, planning and decision making?
2. Include a plan to sustain regional collaboration beyond the period of performance or propose to develop a plan for long term, sustained collaboration?
3. Invest in capacity building of those involved in the collaborative team and relevant communities by providing training? Support activities that will ensure sharing the lessons learned with other regions and communities?

For Track Two (10 points), does the proposal:

1. Identify the workforce requirements, including numbers, that would need to be hired to implement identified adaptation actions, including types and levels of positions related to: resilience or adaptation planning; coastal restoration

design; permitting; engineering; risk modeling; land and natural resources valuation; applied social science; geospatial analysis; and other expertise as required?

2. Identify opportunities to share the lessons learned during implementation more broadly and transfer knowledge within and outside the region?
3. Include a plan to sustain regional collaboration and adaptation actions beyond the period of performance or propose to develop a plan for long term, sustained collaboration?

2. **Technical and Scientific Merit.** This criterion assesses whether the approach is technically sound and/or innovative, if the methods are appropriate, and whether there are clear goals and objectives for the activities.

For Track One, does the proposal: (15 points)

1. Have a clearly defined, focused, and realistic vision? Include activities that are appropriate for accomplishing the stated vision and are achievable within the proposed time frame?
2. Incorporate current guidance, authoritative data and science, and/or technical advancements in the design and implementation of the proposed work?
3. Reference scientific sources from federal and non-federal sources, and/or Indigenous Knowledge related to weather and climate risk?
4. Include activities for evaluating and reporting performance of the overall effort and specific adaptation actions?

For Track Two, does the proposal: (20 points)

1. Have a clearly defined, focused, and realistic vision? Include activities that are appropriate for accomplishing the stated vision and are achievable within the proposed time frame?
2. Completely describe the proposed adaptation actions, including a realistic timeline, key milestones and outcomes to be achieved, and the status of permitting and environmental compliance? Include sufficient detail about each of the adaptation actions to assess the merit of the planned activities?
3. Provide support for the feasibility of the methods, including whether the approach is technically sound and safe for the public? Does the proposal provide support for the sustainability of the approach?
4. Reference scientific sources from federal and non-federal sources, and/or Indigenous Knowledge related to weather and climate risk?
5. Include activities for evaluating and reporting performance of the overall effort and specific adaptation actions including the anticipated social and economic

benefits? Include plans to support longer-term monitoring beyond the period of performance?

3. Overall Qualifications of the Funding Applicants (15 points). These criteria assess whether the funding applicant and any sub-applicants possess the necessary education, experience, training, facilities, and administrative resources to accomplish the project.

For Track One, does the proposal:

1. Include a lead entity with the capability and/or experience in successfully administering a federal award, or propose activities for the lead entity to gain the knowledge and skills necessary to successfully administer a federal award?
2. Clearly describe the roles of collaborators? Does the application include letters of collaboration that describe the scale and scope of involvement for the collaborators?
3. Identify a team of collaborators who have knowledge of and experience working in the specified geographic region? Does the team of collaborators have broad support for the proposed effort as reflected in letters of cooperation and/or letters of support?

For Track Two, does the proposal:

1. Involve a lead entity with the capability and/or experience in successfully administering a federal award and/or similar funding of a similar scope and scale? Include activities to gain the knowledge and skills necessary to successfully administer a federal award?
2. Involve collaborators and/or partners with sufficient expertise and capacity to implement the proposed suite of adaptation actions?

4. Project Costs (10 points). These criteria evaluate the budget to determine if it is realistic and commensurate with the project needs and time frame.

For Track One, does the proposal:

1. Include a budget request that is reasonable and does the applicant justify the proposed budget request? Are requested funds for salaries and fringe benefits only for those personnel who are directly involved in implementing the proposed regional collaborative and/or are directly related to specific products or outcomes of the proposed regional collaborative?
2. Describe how the proposed activities include strategic partnerships with collaborating institutions, agencies, foundations, community organizations, or private-sector partners? Do the proposed activities leverage resources from

other organizations or funding sources? Or describe efforts and associated challenges in identifying leveraging opportunities?

3. Have administrative costs been minimized to the greatest extent possible? This includes, but is not limited to, an assessment of effective direct/indirect costs across all categories in the proposed budget according to the type, size and duration of project and project objectives.

For Track Two, does the proposal:

1. Include a budget request that is reasonable and does the applicant justify the proposed budget request? Are requested funds for salaries and fringe benefits only for those personnel who are directly involved in implementing the proposed effort and/or are directly related to specific products or outcomes?
2. Demonstrate that the proposed activities leverage resources, and to what extent, from other organizations or funding sources? Or describe efforts and associated challenges in identifying leveraging opportunities?
3. Demonstrate that the proposed approach is the most efficient way to meet project objectives? Have administrative costs been minimized to the greatest extent possible? This includes, but is not limited to, an assessment of effective direct/indirect costs across all categories in the proposed budget according to the type, size and duration of project and project objectives.

5. Outreach and Engagement (5 points). These criteria assess whether the proposal includes a strategy to engage stakeholders beyond the collaborative team in improving resilience of the region.

For Track One, does the proposal:

1. Reflect outreach to one or more of NOAA's partnerships (see Section II.C)?
2. Outline a strategy that will improve and sustain dialogue and information sharing with supporters and other stakeholders, particularly marginalized, underserved, and underrepresented communities, and Tribes?

For Track Two, does the proposal:

1. Reflect outreach to one or more of NOAA's partnerships (see Section II.C)?
2. Outline a strategy that will improve and sustain dialogue and information sharing with stakeholders, particularly marginalized, underserved, and underrepresented communities, and Tribes?

B. Review and Selection Process

LETTER OF INTENT REVIEW AND SELECTION PROCESS

All LOIs received consistent with the deadline and procedures in Section IV. above will be evaluated by NOAA in accordance with the evaluation criteria in Section V.A. NOAA, in its sole discretion, may continue the review process for LOIs with non-substantive issues that may be easily rectified or cured. Each LOI will be reviewed by at least three objective reviewers, and a rank order will be established based on the scoring in Section IV. The goal of this review is to select the projects that are most strongly aligned with and most likely to advance the program priorities of the Climate Resilience Regional Challenge. Highly ranked LOIs will be invited to develop a full application. The number of LOIs invited to submit full proposals will be based on the rank order and available funding, and may take into account the Selection Factors in Section V.C. below. Proposals receiving lower scores that do not strongly align with program priorities will not be invited to submit full proposals.

Appropriate mechanisms will be established to avoid conflicts of interest. The Office for Coastal Management (OCM) will respond to each LOI by email informing the applicant and the PD as to whether they are invited to submit a proposal. OCM anticipates sending responses by October 11, 2023. If the applicant and the PD does not receive an email by October 12, 2023, they both must contact resiliencechallenge@noaa.gov and request the status of their LOI. The proposal submission deadline in this announcement will apply to everyone. The results of the LOI review will be released only to the applicant and the PD unless there are extenuating circumstances. Feedback on the LOI will be provided upon request. Applicants may not submit a full proposal unless they receive an invitation from NOAA to do so after submitting an LOI. Any proposal that is submitted without having received an invitation will not be reviewed.

FULL APPLICATION REVIEW AND SELECTION PROCESS

An initial administrative review is conducted on each application to assure that it is timely, responsive, and complete. NOAA, in its sole discretion, may continue the review process for applications with non-substantive issues that may be easily rectified or cured. NOAA is not required to screen applications before the submission deadline, to identify deficiencies that would cause the application to be rejected or receive a poor evaluation (for example, a missing component). However, if deficiencies are identified by NOAA or the applicant before the deadline, the applicant may correct any deficiencies by submitting a revised application.

Applications that meet the minimum requirements will be reviewed by at least three independent peer reviewers during a merit-based review and ranking process. Appropriate mechanisms will be implemented to avoid potential conflicts of interest during the proposal

review process. Each reviewer will be asked to individually evaluate and rank proposals using the weighted evaluation criteria above. Proposal evaluations will be based primarily on information included in the application. Merit reviewer ratings will be used to produce a rank order of the proposals.

Following the merit review, one or more panels may meet to make final recommendations to the Selecting Official regarding which of the top ranked proposals best meet the program objectives and priorities. The panel may be composed of federal employees and non-federal experts and may convene in person or by teleconference, video conference, or other electronic means to discuss applications. The panel will be presented with the top-ranked applications, per the results of the merit review, merit review scores, and comments for each application.

The panel will rate all top-ranked proposals on the following scale:

- 3- Excellent--Application exceptionally addresses program priorities and was highly responsive to evaluation criteria;
- 2- Good--Application partially addresses program priorities and was strongly responsive to evaluation criteria; or
- 1- Fair--Application marginally addresses program priorities and was moderately responsive to evaluation criteria.

The final rating will be presented to the Selection Official and will be the primary consideration for deciding which applications will be recommended for funding. The Selecting Official, or their designee, may negotiate the funding level or other major aspects of the proposal, and based on the rank order and selection factors in Section V. C. below, the Selecting Official will make the final recommendation for award to the Grants Officer, who is authorized to obligate Federal funding and execute the award.

NOAA may select all, some, or none of the applications, or part of any application, may ask applicants to work together or combine letters of intent or proposals, may defer applications to the future, or may reallocate funds to different funding categories, to the extent authorized. Proposals not initially selected for funding may be considered for funding subsequent to the initial review and selection if additional funds become available without NOAA repeating the competitive process outlined in this announcement.

Please note that not all activities submitted under a single proposal may be deemed appropriate for funding, and the Selecting Official may recommend alternate activities as appropriate or only partial funding, based on the selection factors and the merit and/or panel

review written evaluations. For a proposal to be selected for funding, the applicant may be asked to modify objectives and activities, work plans, and budgets, and to provide supplemental information required by the agency prior to the award. This includes review of any proposed cost sharing, which is not required, and which may be removed or changed to leverage if more appropriate. This may result in submission of a revised application before final funding decisions are made. The exact amount of funds to be awarded, the final scope of activities, the project duration, specific NOAA cooperative involvement with activities of each project, and other relevant application details will be determined in pre-award negotiations among the applicant, NOAA GMD, and Office for Coastal Management officials. Applicants should also note that modifications to proposals may be necessary due to NOAA's efforts to comply with NEPA and other legislation.

C. Selection Factors

The Selecting Official, a senior official within the National Oceanic and Atmospheric Administration or their designee, shall recommend applications for funding in rank order unless an application is justified to be selected out of rank order based upon one or more of the following selection factors:

- availability of funding;
- balance/distribution of funds:
 - a) by geographic area,
 - b) by type of institutions,
 - c) by type of partners,
 - d) by research areas, or
 - e) by project types;
- whether this project duplicates other efforts funded or considered for funding by NOAA or other federal agencies;
- program priorities and policy factors set out in Sections I.A. and I.B.;
- an applicant's prior award performance;
- partnerships and/or participation of targeted groups (including the extent to which projects benefit Tribes, underserved, marginalized, underrepresented, environmental justice, and/or disadvantaged communities); and
- adequacy of information necessary for NOAA staff to make a NEPA determination and draft necessary documentation before recommendations for funding are made to the NOAA GMD.

Hence, awards may not necessarily be made to the highest-scored applications. The Selecting Official or designee may negotiate the funding level of the proposal.

D. Anticipated Announcement and Award Dates

Applicants with the highest ranked proposals will be notified in Spring 2024 that they have been recommended for funding. Applicants must undergo reviews by NOAA's Grants Management Division as described in Sections V.B. and VI.B.9., and successfully complete all NOAA/applicant negotiations including providing the information required for NOAA to comply with NEPA and permit requirements, and the provision of other supporting documentation as requested prior to funding being awarded. The anticipated start date for cooperative agreement awards made under this competition is October 1, 2024, dependent on funding availability.

Unsuccessful applicants will be notified by e-mail that their application was not recommended for funding after the final selection package has been approved by the NOAA Grants Management Division, which is expected to be approximately June 2024. Unsuccessful applications submitted to this competition will be retained for three years and then destroyed.

VI. Award Administration Information

A. Award Notices

Applications recommended for funding by the Selecting Official will be forwarded to the NOAA Grants Management Division (GMD) by the Program Office. The applicant will be notified by the program office by email that their application was recommended for funding and remains under consideration. The applicant should be aware that the notification by the program office is not the official award notice and funding is not assured. Official notification happens only when the applicant receives an award notice from the Grants Officer electronically.

The official notice of award is the Commerce Form 450 (CD-450), Financial Assistance Award, issued by the NOAA Grants Officer electronically through NOAA's electronic grants management system, Grants Online, and must be accepted by the non-federal entity.

In addition, award documents provided by NOAA may contain specific award conditions as necessary, such as a limitation on the use of funds for activities that have outstanding environmental compliance requirements, which may lead to modification of the project's scope of work. These specific award conditions may also include other compliance requirements for the award and will be applied on a case-by-case basis. Applicants are strongly encouraged to review award documents carefully before accepting a Federal award to ensure they are fully aware of the relevant terms that have been placed on the award.

B. Administrative and National Policy Requirements

1. **Pre-Award Notice.** The Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements contained in the Federal Register notice of December 30, 2014 (79 FR 78390) are applicable to this solicitation. Refer to <http://go.usa.gov/cXC7A>.

2. **Uniform Administrative Requirements.** Uniform Administrative Requirements, Cost Principles, and Audit Requirements at 2 C.F.R. § 200, implemented by the Department of Commerce at 2 C.F.R. § 1327.101, apply to awards in this program. Refer to <http://go.usa.gov/cXCJQ>.

3. **Terms and Conditions.** The Department of Commerce Financial Assistance Standard Terms and Conditions will apply to awards in this program. These terms will be provided in the award package in Grants Online. A current version is available for review at https://www.commerce.gov/sites/default/files/2020-11/DOC%20Standard%20Terms%20and%20Conditions%20-%2012%20November%202020%20PDF_0.pdf. Also, NOAA will apply administrative terms, and a current version is at <https://www.noaa.gov/sites/default/files/legacy/document/2021/Mar/Administrative%20Standard%20Award%20Conditions%20for%20NOAA%20Financial%20Assistance%20Awards%2002.13.2021.pdf>. In addition, award documents provided by NOAA may contain special award conditions, including those limiting the use of funds for compliance activities such as outstanding environmental compliance requirements, which will be applied on a case-by-case basis, requirements for physical signage attributing the project to its funding source, and requirements for submitting progress reports.

4. **National Environmental Policy Act (NEPA) Requirements.** NOAA must analyze the potential environmental impacts, as required by NEPA, for applicant projects or proposals that are seeking NOAA funding. Detailed information on NOAA compliance with NEPA can be found at the following NOAA NEPA website: <http://www.nepa.noaa.gov>, including our NOAA Administrative Order 216-6 for NEPA, http://www.nepa.noaa.gov/NAO216_6.pdf, and the Council on Environmental Quality implementation regulations, http://energy.gov/sites/prod/files/NEPA-40CFR1500_1508.pdf. Council on Environmental Quality implementation regulations are also accessible under <https://www.ecfr.gov/cgi-bin/text-idx?SID=30655823cf5fdcb1c5ee59d01833b89&mc=true&tpl=/ecfrbrowse/Title40/40chapterV.tpl>.

Applicants should review the Environmental Compliance Questionnaire for National Oceanic and Atmospheric Administration Notice of Federal Funding Opportunity Applicants at <https://www.noaa.gov/sites/default/files/2021-11/NOAA-Grants-Questionnaire-final.pdf>. This form addresses information requirements specific to compliance with the National Environmental Policy Act ("NEPA"), 42 U.S.C. §§ 4321- 4370. Under the description of program activities, applicants are required to provide detailed information on the activities to be conducted, locations, sites, 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). At a minimum, applicants should provide the proposed activity location, maps and graphics of the proposed location, if available (at a scale that clearly shows site location(s) relative to the surrounding area and nearby features), and whether there are pre-existing or ongoing uses at the location of the proposed activity. Applicants recommended for funding must complete questions 1 - 19 of the Environmental Compliance Questionnaire for National Oceanic and Atmospheric Administration Federal Financial Assistance Applicants (accessible at: <https://www.nepa.noaa.gov/docs/NOAA-Grants-Questionnaire-final.pdf>) prior to NOAA review and approval of the funding award.

After the application is submitted, NOAA may require additional information to fulfill NEPA and other compliance requirements. If NOAA determines that an environmental assessment (EA) or environmental impact statement (EIS) is required, applicants may also be requested to assist in drafting the EA or EIS. Applicants may also be required to cooperate with NOAA in identifying and implementing feasible measures to reduce or avoid any identified adverse environmental impacts of their proposal. The failure to do so shall be grounds for the denial of an application. If NOAA cannot evaluate the environmental impacts of the award due to the nature of the application (e.g., the funding will support the selection, design and implementation of a project but cannot evaluate a project that has not yet been selected), NOAA may require the applicant to submit additional information to fulfill NEPA and other compliance requirements once that information becomes available. Funds cannot be expended until NEPA and other compliance requirements are fulfilled.

5. Freedom of Information Act (FOIA). Department of Commerce regulations implementing the Freedom of Information Act (FOIA), 5 U.S.C. Sec. 552, are found at 15 C.F.R. Part 4, Public Information. These regulations set forth rules for the Department regarding making requested materials, information, and records publicly available under the FOIA. Applications submitted in response to this Federal Funding Opportunity may be subject to requests for release under the Act. In the event that an application contains

information or data that the applicant deems to be confidential commercial information that should be exempt from disclosure under FOIA, that information should be identified, bracketed, and marked as Privileged, Confidential, Commercial or Financial Information. In accordance with 15 CFR § 4.9, the Department of Commerce will protect from disclosure confidential business information contained in financial assistance applications and other documentation provided by applicants to the extent permitted by law.

6. **Data Sharing Requirements.** If the applicant intends to collect or create environmental data or information, and if the applicant receives funding under this competition, they will be required to make the data or information collected or created under the NOAA award discoverable by and accessible to the public in a timely fashion (typically within two years), free of charge or at no more than the cost of reproduction, unless an exemption is granted by the NOAA Office for Coastal Management. Data should be available in at least one machine-readable format, preferably a widely used or open-standard format, and should be accompanied by machine-readable documentation (metadata), preferably based on widely used or international standards.

For the purposes of this announcement, environmental data includes: 1) observations and measurements of physical, chemical, biological, geological, and geophysical properties of the oceans, atmosphere, space, sun, and solid earth; 2) correlative data, such as socioeconomic data, related documentation, and metadata; 3) digital audio or video recordings of environmental phenomena (such as animal sounds or undersea video); 4) numerical model outputs, particularly if supporting a peer-reviewed publication; and 5) data collected in a lab or other controlled environment, such as measurements of animals and chemical processes.

Applications that involve the collection or creation of environmental data should include a general Data Management Plan of up to two pages describing how the following requirements will be satisfied. A typical plan should include:

- 1) descriptions of the types of environmental data and information expected to be created during the course of the project (including geographic and temporary coverage, anticipated quantity, volume or size of data collected, and the collection and/or generation methods that will be used);
- 2) the tentative date by which data will be shared;
- 3) information on data quality assurance/quality control procedures, document and metadata requirements;
- 4) methods for providing data access, sharing and preservation; and
- 5) prior experience in making such data accessible. If the proposal is selected for

funding, the applicant will need to provide a data management plan that addresses all the listed plan elements in detail.

The costs of data preparation, accessibility, or archiving may be included in the proposal budget. Accepted submission of data to the NOAA National Centers for Environmental Information (NCEI) is one way to satisfy data sharing requirements; however, NCEI is not obligated to accept all submissions and may charge a fee, particularly for large or unusual datasets. Proposals are to describe their proposed approach. Use of open-standard formats and methods is encouraged. NOAA may, at its own discretion, make publicly visible the Data Management Plan from funded proposals, or use information from the Data Management Plan to produce a formal metadata record and include that metadata in a Catalog to indicate the pending availability of new data.

Proposal submitters are hereby advised that the final pre-publication manuscripts of scholarly articles produced entirely or primarily with NOAA funding will be required to be submitted to NOAA Institutional Repository after acceptance, and no later than upon publication. Such manuscripts shall be made publicly available by NOAA one year after publication by the journal.

Responsible NOAA Official for questions regarding this guidance and for verifying accessibility of data produced by funding recipients:

Randy Warren
Data Manager
NOAA Office for Coastal Management
Randy.Warren@noaa.gov

7. Limitation of Liability. Funding for programs listed in this notice is contingent upon the availability of appropriations. Applicants are hereby given notice that funds may not have been appropriated yet for the programs listed in this notice. Publication of this announcement does not oblige NOAA to award any specific project or to obligate any available funds.

NOAA reserves the right to halt activity under the award through enforcement procedures under 2 C.F.R. §§ 200.339-.343, Remedies for Non-compliance, if the recipient is not fulfilling the requirements of the project as outlined in the grant award. Non-compliance with a federally approved project may result in termination of the award as described in 2 C.F.R. § 200.340.

8. Paperwork Reduction Act. This collection of information contains requirements subject to the Paperwork Reduction Act. The use of Forms SF- 424, SF- 424A, SF-424B, and SF-LLL has been approved by the Office of Management and Budget (OMB) under control numbers found at <https://www.reginfo.gov/public/do/PRASearch>. Form CD-511 and CD-512 are also required by the DOC. Applicants shall not submit form CD-512 with their application package; this form must remain on file with the applicant only. Form SF-LLL is required only if lobbying activities are being reported; otherwise, this form shall remain on file with the applicant only and not with the federal program office.

9. Review of Risk. The NOAA Grants Officer will review financial and grants administration aspects of a proposed award, including conducting an assessment of the risk posed by the applicant in accordance with 2 C.F.R. § 200.206. NOAA is required to review and consider any information about the applicant that is in the designated integrity and performance system accessible through SAM. An applicant, at its option, may review information in the designated integrity and performance systems accessible through SAM and comment on any information about itself that a Federal awarding agency previously entered and is currently in the designated integrity and performance system accessible through SAM. NOAA will consider any comments by the applicant, in addition to the other information in the designated integrity and performance system, in making a judgment about the applicant's integrity, business ethics, and record of performance under Federal awards when completing the review of risk posed by applicants as described in 2 C.F.R. § 200.206 Federal awarding agency review of risk posed by applicants.

In addition to reviewing repositories of government-wide eligibility, qualifications or financial integrity information, the risk assessment conducted by NOAA may consider items such as the financial stability of an applicant, quality of the applicant's management systems, an applicant's history of performance, previous audit reports and audit findings concerning the applicant and the applicant's ability to effectively implement statutory, regulatory, or other requirements imposed on non-federal entities. Applicants should be in compliance with the terms of any existing NOAA grants or cooperative agreements and otherwise eligible to receive federal awards, or make arrangements satisfactory to the Grants Officer, to be considered for funding under this competition. All reports due should be received and any concerns raised by the agency should be addressed in a timely fashion in order to receive a new award. Upon review of these factors, if appropriate, specific award conditions that respond to the degree of risk may be applied by the NOAA Grants Officer pursuant to 2 C.F.R. § 200.208. In addition, NOAA reserves the right to reject an application in its entirety where information is uncovered that raises a significant risk with respect to the responsibility or suitability of an applicant. The final approval of selected applications and issuance of awards will be by the NOAA Grants Officer.

10. **Minority Serving Institutions.** The Department of Commerce/National Oceanic and Atmospheric Administration (DOC/NOAA) is strongly committed to increasing the participation of Minority Serving Institutions (MSIs), i.e., Historically Black Colleges and Universities, Hispanic-serving institutions, tribal colleges and universities, Alaskan Native and Native Hawaiian institutions, and institutions that work in marginalized, underserved or underrepresented communities.

11. **NOAA Sexual Assault and Sexual Harassment Prevention and Response Policy Applicable to Financial Assistance Awards.** NOAA requires organizations receiving federal assistance to report findings of sexual harassment, or any other kind of harassment, regarding an applicant, Project Director (PD), co-PD, Principal Investigator (PI), co-PI, or any other key personnel in the award. The recipient must report to the NOAA Grants Officer and Program Officer if the PI, co-PI, or other key personnel are placed on administrative leave relating to a harassment finding or investigation. NOAA may take unilateral action as necessary to protect the safety of all personnel on a project supported by financial assistance, to include suspending or terminating an award or requiring a recipient to replace or remove personnel. If the award involves the use of NOAA-operated facilities and/or vessels, the recipient must adhere to the following specific requirements:

- Financial assistance awards involving the use of NOAA operated-facilities: NOAA Sexual Assault and Sexual Harassment Prevention and Response Policy Applicable to Financial Assistance Awards Involving NOAA-Operated Facilities (May 2013).
- Financial assistance awards involving the use of vessels: NOAA Sexual Assault and Sexual Harassment Prevention and Response Policy Applicable to Financial Assistance Awards Involving the Use of a Vessel(s) under NOAA Contract, Order, Grant, or Cooperative Agreement (May 2013).

Direct links to the requirements for awards involving the use of NOAA operated-facilities and/or vessels may be found at <https://www.noaa.gov/organization/acquisition-grants/noaa-workplace-harassment-training-for-contractors-and-financial>. Note that these policies include required training.

12. **Required Use of American Iron, Steel, Manufactured Products, and Construction Materials.**

If applicable, and pursuant to the Infrastructure Investment and Jobs Act ("IIJA"), Pub. L. No. 117-58, which includes the Build American, Buy American (BABA) Act, Pub. L. No. 117-58, §§ 70901-52, and OMB M-22-11, recipients of an award of Federal financial assistance from the Department of Commerce (DOC) are hereby notified that none of the

funds provided under any award in this program may be used for a project for infrastructure unless:

- (1) all iron and steel used in the project are produced in the United States—this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;
- (2) all manufactured products used in the project are produced in the United States—this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and
- (3) all construction materials are manufactured in the United States—this means that all manufacturing processes for the construction material occurred in the United States. The Buy America preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project but are not an integral part of the structure or permanently affixed to the infrastructure project.

To help federal agencies and recipients meet BABA requirements, the U.S. Department of Commerce, National Institute for Standards and Technology (NIST), Hollings Manufacturing Extension Partnership (MEP) National Network™ provides a service to connect stakeholders, including recipients, to U.S. manufacturers that have relevant production capabilities and capacities to help fulfill current market and supply chain needs. Recipients considering a BABA nonavailability waiver are strongly encouraged to contact the NIST/MEP for assistance with supplier scouting services prior to seeking a BABA nonavailability waiver. Further information on the NIST/MEP supplier scouting services is available at: <https://www.nist.gov/mep/supplier-scouting>.

Waivers: When necessary, recipients may apply for, and DOC may grant, a waiver from these requirements. DOC will notify the recipient for information on the process for requesting a waiver from these requirements. When DOC has made a determination that one of the following exceptions applies, the awarding official may waive the application of the domestic content procurement preference in any case in which DOC determines that: a. applying the domestic content procurement preference would be inconsistent with the public

interest; b. the types of iron, steel, manufactured products, or construction materials are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality; or c. the inclusion of iron, steel, manufactured products, or construction materials produced in the United States will increase the cost of the overall project by more than 25 percent. A request to waive the application of the domestic content procurement preference must be in writing. DOC will provide instructions on the format, contents, and supporting materials required for any waiver request. Waiver requests are subject to public comment periods of no less than 15 days and must be reviewed by the U.S. Made in America Office. There may be instances where an award qualifies, in whole or in part, for an existing waiver described at whitehouse.gov/omb/management/made-in-america.

Definitions:

- "Construction materials" includes: an article, material, or supply—other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives—that is or consists primarily of: non-ferrous metals; plastic and polymer-based products (including polyvinyl chloride, composite building materials, and polymers used in fiber optic cables); glass (including optic glass); lumber; or drywall.
- "Domestic content procurement preference" means: all iron and steel used in the project are produced in the United States; the manufactured products used in the project are produced in the United States; or the construction materials used in the project are produced in the United States.
- "Infrastructure" includes, at a minimum: the structures, facilities, and equipment for, in the United States, roads, highways, and bridges; public transportation; dams, ports, harbors, and other maritime facilities; intercity passenger and freight railroads; freight and intermodal facilities; airports; water systems, including drinking water and wastewater systems; electrical transmission facilities and systems; utilities; broadband infrastructure; and buildings and real property. Infrastructure includes facilities that generate, transport, and distribute energy.
- "Project" means the construction, alteration, maintenance, or repair of infrastructure in the United States. -- 1 Excludes cement and cementitious materials, aggregates such as stone, sand, or gravel, or aggregate binding agents or additives. 2 IIJA, § 70917(c)(1).

Implementation of Domestic Sourcing Requirements: Prior to initiation of any construction that may arise in any award under this program, the Recipient will be required to inform the NOAA Grants Officer and the Federal Program Officer whether it is using iron, steel, manufactured products, or construction materials as described in the above policy

on Required Use of American Iron, Steel, Manufactured Products, and Construction Materials. In addition, the Recipient will be required to inform the NOAA Grants Officer and the Federal Program Officer whether those materials are produced or manufactured in the United States, or alternatively, it is requesting one or more waivers, as described in this announcement. The Recipient will be required to coordinate with NOAA regarding its compliance with this policy.

C. Reporting

Award recipients will be required to submit financial and performance (technical) progress reports consistent with 2 CFR 200.328 - .330 and DOC Standard Terms and Conditions electronically through NOAA's electronic grants management system, Grants Online. Performance reports must be submitted on a semi-annual schedule no later than 30 days following the end of each 6-month period from the start date of the award. Financial reports must be submitted every 6 months by the end of April and October during the period of the award in accordance with the DOC Financial Assistance Standard Terms and Conditions. NOAA will provide instructions for submitting financial and progress reports upon request.

A comprehensive final report is due 120 days after the award expiration date along with copies of all products developed under the award. Copies of all materials (including but not limited to brochures, posters, videos, DVDs, publications, reports, management plans, public service announcements, workshop proceedings, etc.) produced through the award, along with copies of any reports submitted by contractors as part of the award, must be provided to the program office within 120 days of the end of the award. Except where limited by law, regulation, policy or security, recipients are requested to include a statement on the front page of all products to indicate the material is "Approved for public release; distribution is unlimited". Journal publications must be made available to the public free of charge if the applicant has requested publication costs or when consistent with an award's approved data management plan. Additional data policies may arise prior to award pursuant to the federal-wide directive found at <https://www.whitehouse.gov/wp-content/uploads/2022/08/08-2022-OSTP-Public-Access-Memo.pdf>.

Successful applicants will be requested to ensure that all interim progress reports indicate whether financial reports have been submitted to NOAA's GMD and are up to date. In their final progress report, applicants will be asked to:

- (a) clearly state the resulting overall impact of their project; and
- (b) certify that "Final financial reports have been submitted to NOAA's GMD and a final funding draw-down has been made through the Automated Standard

Application for Payments (ASAP).”

If equipment or tangible personal property is purchased with grant funds, applicants shall submit an inventory to the extent required by the Office of Management and Budget Uniform Guidance set out at 2 C.F.R. Part 200.313. Recipients must inventory tangible property at least once every two years and at award closeout. As necessary, SF-428 forms may be attached as an appendix to progress reports or submitted directly to the NOAA program officer.

Recipients must submit reports at least annually and at award closeout on the status of real property in which the federal government retains an interest, unless the federal interest in the real property extends 15 years or more. As necessary, SF-429 forms may be attached as an appendix to progress reports or submitted directly to the NOAA program officer.

The program office recommends that if the equipment is no longer needed, recipients are encouraged to request disposition instructions for equipment approximately 150 days before the project period ends to allow sufficient time to have equipment disposition requests addressed before a project ends. Equipment disposition instructions typically require that recipients “Submit Additional Closeout Documents” as an award action request in Grants Online. NOAA will provide instructions for disposition in accordance with OMB requirements.

The Federal Funding Accountability and Transparency Act, 31 U.S.C. § 6101, includes a requirement for awardees of applicable Federal grants to report information about first-tier subawards and executive compensation under Federal assistance awards issued. All awardees of applicable grants and cooperative agreements are required to report to the Federal Subaward Reporting System (FSRS) available at www.FSRS.gov on all subawards over \$25,000. See 2 C.F.R. § 170 at http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title02/2cfr170_main_02.tpl.

VII. Agency Contacts

For administrative or technical questions regarding this announcement, contact the OCM Grants Coordinator: resiliencechallenge@noaa.gov

VIII. Other Information

Additional information on the NOAA Climate Resilience Regional Challenge, including the dates and times of informational webinars, can be found here:

<https://coast.noaa.gov/funding/ira/resilience-challenge/>

Funds awarded cannot necessarily pay for all the costs that the recipient might incur while carrying out an award. Generally, costs that are allowable include salaries, equipment, and supplies, as long as these are “necessary and reasonable” specifically for the purpose of the award. Allowable costs are determined by reference to the OMB Uniform Guidance at 2 C.F.R. Part 200, codified by the Department of Commerce at 1327.101. All cost reimbursement sub-awards (e.g., subgrants, subcontracts) are subject to those federal cost principles applicable to the particular type of organization concerned.

The applicant acknowledges and understands that information and data contained in applications for financial assistance, as well as information and data contained in financial, performance, and other reports submitted by applicants, may be used by the Department of Commerce in conducting reviews and evaluations of its financial assistance programs. For this purpose, applicant information and data may be accessed, reviewed, and evaluated by Department of Commerce employees, other Federal employees, Federal agents and contractors, and/or by non-Federal personnel, all of whom enter into appropriate conflicts of interest and nondisclosure agreements covering the use of such information. As may be provided in the terms and conditions of a specific financial assistance award, applicants are expected to support program reviews and evaluations by submitting required financial and performance information and data in an accurate and timely manner, and by cooperating with the Department of Commerce and external program evaluators. In accordance with 2 C.F.R. § 200.303(e), applicants are reminded that they must take reasonable measures to safeguard protected personally identifiable information and other confidential or sensitive personal or business information created or obtained in connection with a Department of Commerce financial assistance award.