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DATE: October 31, 2019

TO: Commissioners and Interested Parties

FROM: John Ainsworth, Executive Director
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SUBJECT: Recommended Round 6 Local Coastal Program Local Assistance Grant Awards

SUMMARY OF STAFF RECOMMENDATION

Staff recommends that the Commission award \$1,500,000 in grant funds to twelve local jurisdictions for LCP updates and sea level rise planning.

Funding is provided by the California Climate Investments program, a statewide initiative funded by appropriations from the Greenhouse Gas Reduction Fund (GGRF), which directs Cap-and-Trade dollars toward reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment – particularly in disadvantaged and low-income communities. A total of \$1,500,000 is available for this sixth round of Local Coastal Program (LCP) Local Assistance Grant funding.

Round 6 grants will support local governments in developing new or amending existing Local Coastal Programs (LCPs) pursuant to the [California Coastal Act](#) and with special emphasis on planning for strategies to reduce greenhouse gas emissions, such as through smart growth and multi-modal transportation, to adapt to the impacts of climate change, including sea level rise and increased drought and increased fires, and to maximize benefits to disadvantaged and low-income communities. This funding may also be used to develop technical and engineering studies as well as for planning and design of adaptation strategies that address the identified impacts of climate change and sea level rise, including phased strategies identified in recent hazards analysis, vulnerability assessments, and/or adaptation plans. These studies and analyses would inform the selection of adaptation strategies to be reflected in the Local Coastal Program.

On June 6, 2018 the Commission adopted updated priorities and evaluation criteria for reviewing and recommending awards for the LCP Local Assistance Grant Program and authorized staff to solicit and evaluate proposals subject to the requirement that the Commission approve final selection of any grants awarded under this program.¹ The application period for Round 6 grants opened on July 30, 2019 and closed on September 6, 2019. Work programs for the Round 6 grants are expected to begin in early 2020 and end by March of 2022.

The Coastal Commission received fourteen LCP grant applications with funding requests totaling \$2,347,830 (see [Table 1](#)). The individual grant requests range from \$65,000 to \$300,000 and comprise a variety of technical studies and planning work. The twelve grant projects recommended for awards under Round 6 would result in five LCP Updates, one LUP Update, and two IP Updates, as well as one SLR Regional Planning Framework effort, two new Sea Level Rise Vulnerability Assessments, one Coastal Hazard Response Plan for critical infrastructure, and two new Adaptation Plans, all addressing sea level rise and climate change planning and policies. Those grantees that do not propose certification of LCP planning work within the grant term will provide an anticipated timetable for finalizing and certifying the LCP work, as required by grant condition 9 ([Section II](#)).

RECOMMENDED GRANT AWARDS

Commission staff recommends the Commission award twelve LCP grants for a total of \$1,500,000. [Table 1](#) and [Section VI](#) summarize the fourteen grant projects, including the twelve applications recommended for funding.

The fourteen grant applications received are hyperlinked in Table 1 below and are also available on the Coastal Commission’s website at: <https://www.coastal.ca.gov/lcp/grants/>. Due to the length of the application packets, Commission staff opted to provide the proposals in an electronic format via the links below, and to provide detailed descriptions of the grant proposals recommended for award in [Section VI](#).

Table 1: Round 6 Grant Applications and Recommended Awards.

	Jurisdiction	Grant Project	Amount Requested	Recommended Grant Award
North Coast	County of Humboldt	Humboldt Bay Sea Level Rise Regional Planning Feasibility Study	100,000.00	100,000.00

¹ <https://documents.coastal.ca.gov/reports/2018/6/w6d/w6d-6-2018-report.pdf>

Recommended Round 6 Local Coastal Program Local Assistance Grant Awards

	City of Fort Bragg	Mill Site Reuse Plan, LCP Amendment	96,420.00	0.00
North Central Coast	County of Sonoma	Vehicles Miles Traveled (VMT) Analysis and Guidelines for Sonoma County Coast	\$200,000	0.00
Central Coast	County of San Luis Obispo	San Simeon Coastal Hazards Response Plan	130,000.00	130,000.00
	City of Morro Bay	Plan Morro Bay: Comprehensive Local Coastal Program Update	65,000.00	65,000.00
	City of Pismo Beach	Comprehensive LCP Update and Programmatic Environmental Impact Report	300,000.00	170,000.00
South Central Coast	City of Carpinteria	Comprehensive Coastal Zoning Ordinance (IP) Update	297,000.00	190,000.00
	County of Ventura	VC Resilient Coastal Adaptation Project (Phase II), LCP Update	160,070.00	130,000.00
South Coast	City of Malibu	City of Malibu Adaptation Plan and LCP Update	250,000.00	175,000.00
	City of Avalon	City of Avalon Adaptation Plan to address SLR, LCP Update	200,000.00	130,000.00
	City of Santa	City of Santa Monica	125,000.00	50,000.00

Recommended Round 6 Local Coastal Program Local Assistance Grant Awards

	Monica	Implementation Plan Full Scope		
	City of Seal Beach	Seal Beach Local Coastal Program	80,000.00	50,000.00
	City of Huntington Beach	Huntington Beach Comprehensive Local Coastal Program Update	224,340.00	200,000.00
	City of Dana Point	Dana Point Local Coastal Program Amendment for Planning and Sea Level Rise Adaptation	120,000.00	110,000.00
Total			2,347,830.00	1,500,000.00

The grant applications recommended for awards are consistent with the purpose of the LCP Grant Program and the Commission’s adopted priorities and evaluation criteria, as well as the requirements of the California Climate Investments program to facilitate reductions in greenhouse gas emissions and support climate resiliency planning. They all are supported by adopted resolutions of the local governing bodies, indicating support for completion of the LCP planning work. All grant projects recommended for awards either contain tasks for public participation and early coordination with Commission staff or are conditioned to contain these tasks.

Commission staff recommends that the Commission award \$1,500,000 in grant funding.

GRANT CONDITIONS

All of the recommended awards include grant administration requirements (see [Section VII](#)) as well as general conditions related to the grant work programs (see [Section II](#)).

All grants are conditioned to require grant recipients to submit LCP documents and maps in both paper and editable digital format (see condition #1 in [Section II](#)). In addition, as required by the California Climate Investments program, all grants must acknowledge that funding is provided by the Greenhouse Gas Reduction Fund in the materials produced as part of the grant project (see condition #8 in [Section II](#)). Grant recipients must also ensure that all grant-funded tasks in their respective work programs fulfill the goals of the California Climate Investments program and that work programs exclude any work that has been funded through previously awarded LCP grants and other related grants (see condition #7 in [Section II](#)). To facilitate coordination with Commission staff, grant recipients must also revise their work programs to allow for sufficient time for review and revisions to grant deliverables (see condition #6 in [Section II](#)). Further, work programs that do not include certification of proposed LCP planning work must be revised to include a description of the future steps that will be taken to achieve certification after the grant work is completed (see condition #9 in [Section II](#)). Work programs must also be revised to ensure

that all public outreach targets visitors and non-residents to the maximum extent feasible, as well as disadvantaged and low-income communities (see condition #10 in [Section II](#)).

Grants with tasks related to sea level rise planning are also required to use the Commission's Sea Level Rise Policy Guidance document (see condition #2 in [Section II](#)) and to coordinate sea level rise preparedness work with other local jurisdictions and state agencies, where appropriate (see condition #4 in [Section II](#)). Further, grant projects that include preparation of vulnerability assessments are also conditioned to assess sea level rise vulnerability through scenario-based analysis and using the best available science (see condition #3 in [Section II](#)).

The best available science on sea level rise continues to advance. Following the release of [Rising Seas in California](#) in April 2017, the Ocean Protection Council (OPC) updated the State's sea level rise guidance document to provide both state agencies and local governments with a science-based methodology to assess sea level rise risks. The [State Sea-Level Rise Guidance: 2018 Update](#) was adopted by the OPC in March 2018 and includes new probabilistic projections that they recommend evaluating for planning, permitting, investment, and other decisions. Using this updated scientific information, the Commission adopted an update to its [Sea Level Rise Policy Guidance](#) in November 2018, which currently reflects the best available science. With this update, planners will be better equipped to develop comprehensive, effective sea level rise adaptation measures that can be formalized and implemented through the LCP. This new information should be incorporated into local sea level rise planning efforts to the extent feasible, as required by General Conditions #2 and #3.

Grantees must also conduct planning work in accordance with the State of California's climate change principles, as outlined in the [State of California Sea-Level Rise Guidance](#)² (2018) (see condition #5 in [Section II](#)).

Lastly, the recommended awards include grant-specific conditions related to the work programs; please refer to [Section VI](#) for these specific conditions.

² California Natural Resources Agency 2018. Available. http://www.opc.ca.gov/webmaster/ftp/pdf/agenda_items/20180314/Item3_Exhibit-A_OPC_SLR_Guidance-rd3.pdf. Accessed 15 October 2018.

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I. MOTION AND RESOLUTION

Motion:

*I move that the Commission **approve** the twelve grant awards identified in the Commission Staff Recommendation column of Table 1 of this staff recommendation and authorize the Executive Director or his designee to enter into grant agreements with the grantees for allocation of these funds and to make any amendments thereto, subject to the requirements and conditions set forth in the staff recommendation.*

Staff recommends a **YES** vote on the foregoing motion. Passage of this motion will result in approval of the twelve grant awards identified in Table 1 and the Commission authorizing the Executive Director or his designee to enter into grant agreements with the grantees for distribution of the grant funds. The motion passes only by affirmative vote of a majority of the Commissioners present.

Resolution:

The Commission hereby approves the twelve grant awards identified in the Commission Staff Recommendation column of Table 1 of this staff recommendation and authorizes the Executive Director or his designee to enter into grant agreements with the grantees for allocation of these funds and to make any amendments thereto, subject to the requirements and conditions set forth in the staff recommendation.

II. REQUIREMENTS AND CONDITIONS FOR ALL GRANTS

All grant agreements will contain provisions to ensure successful implementation of the work program. Specifically, grant agreements will include requirements and conditions regarding the project schedule, progress reporting, reimbursement procedures, and stipulations and grant withholdings for projects not completed within the grant time period. The general grant requirements and conditions are explained in detail in [Section VII](#), Grant Administration. In addition to the general grant requirements, all grant projects will include the following conditions:

1. Prior to the Executive Director's determination and reporting of certification pursuant to Section 13544 of the California Code of Regulations of a grant-funded LCP project, grantees shall submit LCP documents and maps in both paper and editable digital format to the Coastal Commission.
2. Grantees shall use the Coastal Commission's current [Sea Level Rise Guidance](#) and any other available Commission guidance related to sea level rise, to inform the development of Sea Level Rise impact assessments, vulnerability assessments, and LCP Land Use Plan and Implementation Plan completion or updates.
3. In addition to the general recommendations contained within the Coastal Commission's Sea Level Rise Policy Guidance, Vulnerability Assessments shall include: (1) storm and non-storm scenarios, including maximum daily and annual tidal inundation, (2)

assessment of sea level rise vulnerability with and without key development that is currently vulnerable and/or protected by a revetment, such as Highway 1, railroad tracks, and/or a row of residences, (3) anticipated changes in beach width under future sea level rise scenarios, (4) evaluation of the feasibility and effectiveness of sediment management and beach nourishment, and (5) evaluation of sea level rise vulnerability of existing and planned segments of the California Coastal Trail, (6) the subject of environmental justice by, to the extent feasible, analyzing the differential impacts of sea level rise upon various demographics and community groups, and (7) the latest reports on sea level rise science and recommendations from the state of California, including *Rising Seas in California* (Griggs et al. 2017)³ and the most recently adopted update to the State Sea Level Rise Guidance. These scenarios and topics should be modelled or quantitatively analyzed where feasible and applicable, or at a minimum thoroughly discussed in a qualitative manner. Scenarios analyzed should include Medium-high Risk Aversion and Extreme Risk Aversion scenarios per the [2018 Ocean Protection Council Guidance](#) and the Coastal Commission's [Sea Level Rise Policy Guidance Update](#) adopted November 2018, which both provide recommendations to aid in planning and understanding the worst-case scenario for projected time horizons.

4. Sea Level Rise work completed under the grant program shall be coordinated regionally to the extent feasible with other jurisdictions and entities working on sea level rise projects within the same county or broader regional area relevant for sea level rise adaptation, such as the watershed, littoral cell, or area with similar geologic characteristics. Entities working on sea level rise projects include, but are not limited to, the State Coastal Conservancy, the Ocean Protection Council, The Nature Conservancy, NOAA, and USGS. Coordination includes early coordination meetings among the different entities, sharing of technical analyses and lessons learned, and consideration of regional adaptation policies.
5. Grant-funded work shall be guided by the [Rising Seas in California: An Update on Sea Level Rise Science](#) document, which provides a summary of the scientific updates since the 2012 NRC Report and recently published research that expands our understanding of ice sheet dynamics, as well as the [State Sea-Level Rise Guidance: 2018 Update](#), and the Coastal Commission's adopted [Sea Level Rise Policy Guidance Update](#), which provide both state agencies and local governments with a science-based methodology to assess sea level rise risks.
6. Work programs shall be revised to ensure there is sufficient time for coordination with Commission staff on each deliverable, including time for review and comment by

³ California Ocean Protection Council Science Advisory Team Working Group 2017. Available: <http://www.opc.ca.gov/webmaster/ftp/pdf/docs/rising-seas-in-california-an-update-on-sea-level-rise-science.pdf>

Commission staff, and time for grantees to revise deliverables where necessary. For major deliverables, there shall be sufficient time for multiple rounds of review and revision. To the extent feasible, such coordination shall take place prior to public release of the deliverable.

7. Work programs and budgets shall be revised to ensure that grant-funded tasks fulfill the goals of the California Climate Investments program, including planning for strategies to reduce greenhouse gas emissions, adapt to the impacts of climate change, and maximize benefits to disadvantaged and low-income communities. Work programs and budgets shall also be revised to exclude any and all work that has been funded through previously awarded grants or the matching funds identified through previously awarded grants. Such grants include, but are not limited to, Coastal Commission LCP Grants awarded through Rounds 1 through 5, grants awarded by the Ocean Protection Council, and grants awarded by the State Coastal Conservancy.
8. The California Climate Investments program, which is funded by the Greenhouse Gas Reduction Fund, shall be acknowledged in all written or published materials related to the grant program, in a manner approved by the Executive Director.
9. For grant projects that do not include certification of proposed LCP planning work, work programs shall be revised to include a description of the future steps that will be taken to achieve certification after grant work is complete.
10. Public outreach shall target all interested members of the public, including visitors and other non-residents to the maximum extent feasible for the purpose of meaningful engagement in policy development, technical studies, and other tasks conducted pursuant to the grant work program. All public outreach activities related to the work program shall, to the maximum extent feasible, proactively engage those who already face disproportionate environmental burdens or vulnerabilities to environmental hazards, and/or those who come from communities of existing social inequalities, including members of the public and organizations from the following communities: disadvantaged communities, communities of color and/or low income, communities with low capacity to adapt to climate change, and communities not in close proximity to the shoreline but who visit and recreate there. Outreach activities shall seek to provide maximum opportunities for these groups to engage with and provide input on the tasks of the work program.
11. Grantees will be required to report on how LCP planning will facilitate greenhouse gas emissions reductions and provide benefits to priority populations (e.g., disadvantaged and low-income communities) and co-benefits to the State (e.g., economic, environmental, and

public health benefits of the project), as part of the reporting requirements under the California Climate Investments program.⁴

III. INTRODUCTION

The Budget Act of 2018, as amended by Senate Bill (SB) 856 (Chapter 30, Statutes of 2018) and the Budget Act of 2019, as amended by Assembly Bill 74 (Chapter 23, Statutes of 2019), provide \$1.5 million from the Greenhouse Gas Reduction Fund to the California Coastal Commission to fund local assistance grants as part of the LCP Grant Program.

On June 6, 2018 the Commission adopted revised priorities and evaluation criteria for reviewing and recommending awards for the LCP Local Assistance Grant Program and authorized staff to solicit and evaluate proposals subject to the requirement that the Commission approve final selection of any grants awarded under this program.⁵ The application period for Round 6 grants opened on July 30, 2019 and closed on September 6, 2019.

IV. PROGRAM DESCRIPTION

The goal of the Coastal Commission LCP Grant Program is to support local governments in developing new or amending existing LCPs to plan for and adapt to the impacts of climate change in a manner fully consistent with the policies of the California Coastal Act. Grant funding will support LCP projects that facilitate reductions to greenhouse gas emissions, address impacts of climate change, maximize benefits to disadvantaged and low-income communities, and provide co-benefits to the State of California. Round 6 of the LCP Grant Program is funded by the California Climate Investments program.

This funding helps support the Coastal Commission's adopted Strategic Plan goal to strengthen the LCP Program (Goal 4). Goal 4 places high priority on updating and certifying LCPs, and states that the LCP Program is "the core implementation mechanism of the Coastal Act and the area most in need of increased investment to assure long run success in program implementation."⁶ The grants provide much-needed funds to local governments to complete this critical planning work. While most of the coastal zone (approximately 87% of the geographic area) is governed by a certified LCP, the average age of certified LCP segments is now more than 25 years and there are some remaining uncertified areas. When these areas become certified, the

⁴ https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/2018-funding-guidelines.pdf?_ga=2.236759105.1960471695.1539276356-1177465010.1539276356

⁵ <https://documents.coastal.ca.gov/reports/2018/6/w6d/w6d-6-2018-report.pdf>

⁶ California Coastal Commission, Strategic Plan 2013-2018, Approved April 2013, pg. 15. <https://documents.coastal.ca.gov/reports/2013/4/F9a-4-2013.pdf>

local government will assume responsibility for issuing most coastal development permits in these areas.

Many of the LCPs that were certified in the 1980s and 1990s are out of date and would benefit from updates to reflect changed conditions, new information and knowledge, and new programs and policies, especially those related to climate change and sea level rise. Updated LCPs provide more certainty for economic development and enable stronger coastal resource protection in light of current environmental conditions and other factors. Also, many important public access, coastal resource protection, and priority coastal development issues will be impacted by climate change and sea level rise. Such impacts include narrowing beaches and wetland areas, saltwater intrusion of freshwater aquifers, and increased flooding of priority coastal development. To ensure coastal resources are protected as required by the Coastal Act, LCPs must be updated to address future climate change impacts.

V. REVIEW PROCESS

Staff reviewed the fourteen grant applications in accordance with the Commission-approved funding [priorities and evaluation criteria](#) for the LCP Local Assistance Grant Program, which were updated in 2018 to better align with the funding guidelines of the Greenhouse Gas Reduction Fund. Staff thus considered how proposed grant projects would result in LCP updates or LCP certification, as well as how proposed grant projects would 1) result in planning and/or implementation of strategies to reduce greenhouse gas emissions and/or adapt to the impacts of climate change, and 2) result in planning and/or implementation of strategies to address environmental justice concerns related to coastal resilience and greenhouse gas emissions reductions.

In addition, Commission staff considered some of the lessons learned from the first five rounds of grant funding when evaluating the Round 6 work programs and budgets. Overall, staff used its knowledge and experience from previous rounds to consider the time it takes to complete these types of work programs, as well as the costs associated with sea level rise-related technical studies. The grant award recommendations, when combined with the grant-specific conditions, incorporate these timing and cost considerations to ensure grant programs are designed to succeed.

VI. ROUND 6 AWARD RECOMMENDATIONS

Commission staff recommends the Commission award twelve grants for a total of \$1,500,000. [Table 1](#) on page 2 and the following section provide a summary of the Coastal Commission staff recommendations.

The grant applications recommended for awards are consistent with the purpose of the LCP grant program and the Commission's adopted priorities and criteria. They all are supported by adopted resolutions of the local governing bodies, indicating support for completion of the LCP planning work. All grant projects recommended for awards either contain tasks for public participation and early coordination with Commission staff or are conditioned to contain these tasks.

This section provides detailed summaries and discussions of each grant project, with further detail and clarification from Commission staff. For each application, this section includes summaries of the grant proposal, conditions of approval, and discussion regarding the fulfillment of the grant priorities and evaluation criteria. Grant projects are listed geographically, starting from the northern-most proposal. Complete applications are available through the hyperlink in the Project Title.

NORTH COAST

1) COUNTY OF HUMBOLDT

Project Title: [Sea Level Rise Regional Planning Feasibility Study](#)

Project Location: Humboldt Bay, Humboldt County

Proposed Timeline: 11/1/2019 – 7/1/2021

	Amount Requested	Recommended Grant Award
Total	\$100,000.00	\$100,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on Humboldt County’s grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$100,000 and includes the necessary detail to complete execution of the grant agreement consistent with the terms and conditions of the approval.

Grant Proposal Summary

Humboldt County is requesting Round 6 LCP grant funds to aid regional coordination efforts around sea level rise planning for Humboldt Bay, and to develop a sea level rise planning framework for the region. This project principally focuses on conducting a feasibility study to identify options and mechanisms for regional coordination on sea level rise adaptation planning and implementation amongst the County and Cities and with various asset managers, property owners, and other interested parties.

The Cities of Eureka, Arcata and Humboldt County are in the process of preparing LCP updates to address sea level rise within the Coastal Zone. At the same time, asset managers (e.g. Caltrans, PG&E), property owners (including those with land on which protective dikes and levees are located), and others are assessing vulnerabilities and identifying sea level rise adaptation options for critical infrastructure, public access, and natural habitats. The regional coordination and feasibility study proposed under this grant would be a first step toward creating a framework and regional plan leading to coordinated LCP amendments and other efforts to support regional sea level rise adaptation in the future.

The proposal includes the following key components:

- Coordination and outreach among regional partners (LCP jurisdictions; permitting and public trust agencies; asset and property owners; community members) for a Humboldt Bay regional sea level rise planning effort.
- Research into regulatory frameworks for regional planning; opportunities for cross-jurisdictional coordination (e.g. cross-jurisdictional infrastructure, hydrologic units); identification of funding options; analysis of potential barriers to regional planning and implementation of adaptation strategies.
- Development of the Humboldt Bay Region Sea Level Rise Regional Planning Feasibility Study with final recommendations and next steps.

Discussion

The Humboldt Bay region is comprised primarily of unincorporated Humboldt County, and includes the cities of Eureka and Arcata. At risk from sea level rise are urban and rural lands, a variety of coastal access and other types of visitor serving uses, coastal-dependent industrial land, unique environmentally sensitive habitat areas, prime agriculture land, and critical infrastructure without which Humboldt County would be severely crippled (including Highway 101, and two wastewater treatment plants that serve the majority of the County's population).

The County of Humboldt's LCP is divided into six segments that were certified between 1980 and 1985, with numerous subsequent amendments. In 2003, the County began a comprehensive update of the LUP as part of the process of revising the County's General Plan. As well, Humboldt Bay Area LUP was approved by Board of Supervisors in March of 1982 and submitted to the Commission in March 10, 1982 and the Commission effectively certified the LUP in October 1982. In 2011, the Commission approved with suggested modifications an LCP amendment that updated the LCP for the Town of Samoa.

The focus of this regional planning effort would be the lands surrounding Humboldt Bay within the City of Eureka's and City of Arcata's local coastal programs (LCPs), and the County's Humboldt Bay Area Plan (HBAP), which are experiencing the highest rate of relative sea level rise on the West Coast due to tectonic subsidence in combination with rising ocean waters. These lands and various critical assets around Humboldt Bay are at particular risk to coastal flooding due to the condition of existing shoreline structures and predicted sea level rise.

There are approximately 102 miles of shoreline, 77 miles of which are artificial including 56 miles of barrier shoreline protecting nearly 10,000 acres of low-lying areas from tidal inundation. Approximately 9,000 acres are reclaimed tidelands protected by dikes that are actively eroding, unmaintained, or with surfaces that are overtopped by periodic extreme high tide events. With one meter (3.3 feet) of sea level rise, over half of the existing Humboldt Bay diked shoreline would be overtopped.

As these hydrologic units and critical assets that could be impacted by sea level rise are owned by various public agencies or private property owners, and cross various jurisdictional boundaries, there are numerous agencies that will be adopting sea level rise policies and/or would need to

issue permits for sea level rise strategies. Therefore, coordination of a multi-jurisdictional planning process and coordinated sea level rise adaptation policies strategies for the Humboldt Bay region is critical.

Eureka, Arcata, and Humboldt County are in the process of updating their respective LCPs to include sea level rise policies. Each LCP authority has received grant funds from the state to assist in this process. The County has received two grants with funding from OPC and the Coastal Commission to address sea level rise in the Humboldt Bay Area Plan (HBAP), and the Humboldt County Public Works Department also received an Adaptation Planning grant from Caltrans that focuses on SLR adaptation planning for the Eureka Slough hydrographic unit. Under the Caltrans project the County will work with multiple state and local agencies to prepare an adaptation plan for Eureka Slough that identifies the specific flooding vulnerabilities within the planning area and develop adaptation project concepts, with an emphasis on stakeholder engagement, multi-benefit goals, best available scientific information, cost-effectiveness, and strategic planning.

The proposed project will inform the LCP amendments currently underway for these three local agencies, and will result in draft policies describing and supporting regional adaptation strategies, and a regional framework to support sea level rise adaptation planning across Humboldt Bay.

This would be the fourth LCP grant the County would receive to assist in updating the HBAP. LCP-13-03 (Coastal Commission funding, closed) resulted in an LCP amendment that added interim coastal-dependent industrial uses to the HBAP, and also included certification of areas of deferred certification which the Coastal Commission has placed on hold. The next two grants, LCP-14-01 (Coastal Commission and OPC funding, closed) and LCP-17-02 (Coastal Commission funding, open) funded updates to the HBAP update, including sea level rise planning and other elements of the HBAP update. All of these grants have or are being integrated into the update of the Humboldt Bay Area Plan. The currently proposed project would integrate into the ongoing HBAP update and should help to inform updates in the cities of Eureka and Arcata.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by providing an opportunity for coordination to support regional implementation of greenhouse gas reduction measures, pursuing sea level rise policies to protect and preserve agricultural lands and wetlands from sea level rise impacts for as long as feasible, promoting carbon sequestration, maintaining important wildlife habitat and ecosystems, limiting urban sprawl, and retaining of open space.

The regional SLR planning efforts would facilitate a coordinated approach to adapting to the effects of sea level rise across the Humboldt Bay area, minimizing disruption to critical infrastructure and facilitating sea level rise adaptation policies and strategies. As well, the County intends to build on their Round 4 grant funding, which focused on the development of specific adaptation strategies for the communities of King Salmon, Fields Landing, and Fairhaven/Finntown, three Air Resources Board (ARB) 1550 low-income communities as identified by ARB. According to this mapping, virtually the entire Humboldt Bay region that could be impacted directly by one meter or more of sea level rise is considered to be AB 1550 low-income. Coordinating sea level rise planning efforts will benefit not only these priority populations, but all of the Humboldt Bay region, as virtually the entire Humboldt Bay region that

could be impacted directly by one meter or more of sea level rise is considered to be AB 1550 low-income by the ARB.

Award Recommendation

Commission staff recommends fully funding the County of Humboldt’s grant request. **Staff recommends the Commission authorize a grant of \$100,000** to fund the County’s multi-jurisdictional coordination and development of a regional approach for the Humboldt Bay areas impacted by sea level rise, and the preparation of the Humboldt Bay Region Sea Level Rise Regional Planning Feasibility Study.

2) CITY OF FORT BRAGG

Project Title: [Mill Site Reuse Plan, LCP Amendment](#)

Project Location: City of Fort Bragg, Mendocino County

Proposed Timeline: 11/1/2019 – 2/1/2023

	Amount Requested	Recommended Grant Award
Total	\$96,420.00	\$0.00

Conditions of Approval

None: The City of Fort Bragg is not recommended for Round 6 grant funding. Staff recommends that the City consider applying for future LCP grant funds.

Grant Proposal Summary

The City of Fort Bragg proposes to finalize a reuse plan and LCP Amendment for the 425-acre former Georgia-Pacific lumber Mill Site (Mill Site). The City has prepared a draft Land Use Plan and created draft policy language for seven chapters of the Coastal General Plan. However, the Coastal Land Use and Development Code still requires revisions to implement the policies of the Coastal General Plan. The project includes the finalization of their Land Use Plan and creation of additional policy language for seven chapters of the Coastal General Plan. The project also includes submittal of the new amendment for certification.

The proposal includes the following key components:

- Supporting Studies: Traffic Analysis, Botanical & Wetland Analysis, & Fiscal Impacts Analysis.
- Finalized Land Use Plan, General Plan Policies and Coastal Land Use and Development Code, including Land Use Map and Citywide Design Guidelines

- Locally adopted LCP for Certification

Discussion

The City of Fort Bragg proposes to finalize the Mill Site Reuse Plan and LCP Amendment for the 425-acre former Georgia-Pacific lumber Mill Site (Mill Site), which comprises one-third of the City's incorporated area, and 65% of the Coastal Zone area within the City. The City of Fort Bragg re-initiated the LCP amendment in 2017 and applied for and received a Coastal Commission Round 4 grant in the amount of \$100,000 to assist with the preparation of the LCP Amendment. The City is requesting additional funding for the completion of the LCP Amendment started under the prior grant. The City would also like to complete additional background studies and reports, some of which were not a part of the original scope of the Round 4 grant project, or otherwise need additional analysis and funding beyond that from Round 4.

The City's LUP was certified in July 1983, and their zoning plan was submitted early 1983, and certified in February 1983. The City considered a revised General Plan and LCP for possible submittal to the Commission in 1998. In December 1999 the Commission awarded an LCP planning grant to the City to update the LCP for the 45-acre Georgia-Pacific site. An additional grant was awarded in 2001 for the update of only the Implementation Plan portion of the LCP. A revised and updated LUP and IP was adopted by the City Council in December 2002. The Updated LCP was reviewed and approved with suggested modifications on January 11, 2008. A comprehensive LCP update was approved in January of 2008 (effectively certified in August 2008) that resolved remaining wetland protection issues by designating and zoning the Noyo Flats ADC as Open Space instead of Harbor District and adding additional wetland protection allowable uses and policies.

To date, the City has completed drafts of the following background reports:

- 1) Mill Site Buildout Analysis;
- 2) Mill Site Sea Level Rise Report;
- 3) Mill Site Recreational & Visitor Serving Facilities & Lower-Cost Accommodations Report;
- 4) Mill Site Visual Analysis;
- 5) Mill Site Utilities Analysis;
- 6) Mill Site Tsunami Analysis;
- 7) Mill Site Geotechnical Analysis.

In addition, the City proposes to complete the following additional studies:

- 1) Traffic Analysis. Commission staff have indicated that an expanded analysis is needed to evaluate road segment performance, Vehicle Miles Traveled, and Level of Service. The completion of this analysis would be used to inform the circulation plan for the Mill Site and the Circulation Element of the City's Coastal General Plan. The VMT analysis will help the City develop a Mill Site Reuse Plan that reduces greenhouse gas emissions;
- 2) Botanical & Wetland Analysis. The analysis would cover areas of the Mill Site that are vegetated and proposed for rezoning for uses other than open space and recreation. The botanical and wetland delineation update would help the City to develop a Mill Site Reuse Plan that protects special status habitats;

3) Fiscal Impacts Analysis. This analysis would evaluate potential revenues and expenses related to the buildout of the Mill Site. The City contends that this would be required to ensure that the overall project is revenue neutral for the City and ensure that the development of the Mill Site is self-funded and not a drain on the City's resources and services which currently serve a low income community.

Following completion of the studies, the City proposes to work with the Commission staff to revise any background studies as needed based on new findings from the additional studies, work with the Commission staff to finalize their Land Use Plan, General Plan Policies, Coastal Land Use and Development Code, Land Use Maps, and Citywide Design Guidelines, and prepare the final LCP Amendment documents and adopt and submit them to the Commission by the close of the Round 6 grant.

The proposed project addresses the goals of the Greenhouse Gas Reduction Fund by developing an LCP Amendment that would result in the implementation of sustainable practices and smart growth policies. These measures will help the City prepare for sea level rise and other coastal impacts of climate change, addressing the impacts of sea level rise on the Mill site's lowland area, beach berm and bluffs, and will include policies that enhance the coastal zone's adaptive capacity to climate change.

Award Recommendation

Commission staff does not recommend funding the City of Fort Bragg's grant request due to overlap with the City's Round 4 LCP Grant and the availability of remaining funds for this work. The Coastal Commission recognizes that a reuse plan for the former mill site is a priority and supported this effort with a \$100,000 Round 4 grant to complete background studies and develop an LCP amendment for the site. Work to complete this effort remains, and Commission staff is committed to coordinating with the City to complete this important planning effort. Accordingly, Commission staff recommends that the City use the remaining Round 4 grant funds and project term to complete a revised draft of the proposed LCP amendment and then to apply for a future grant, if needed, to complete any additional studies and the finalization of the LCP Amendment.

NORTH CENTRAL COAST

3) COUNTY OF SONOMA

Project Title: [Vehicles Miles Traveled \(VMT\) Analysis and Guidelines for Sonoma County Coast](#)

Project Location: Sonoma County Coast

Proposed Timeline: 12/2/2019 – 12/2/2021

	Amount Requested	Recommended Grant Award
Total	\$200,000	\$0.00

Conditions of Approval

None: Sonoma County is not recommended for Round 6 grant funding. Staff recommends that the County consider applying for future LCP grant funds.

Grant Proposal Summary

The County of Sonoma is requesting a Round 6 LCP Grant to complete a Vehicles Miles Traveled (VMT) Analysis and develop Guidelines for Sonoma County Coast focused on VMT and subsequent greenhouse gas emission reductions necessary to reach the goals established in SB 743. The emphasis of this analysis would be on development on the Sonoma County coast, and would provide the County with an accurate, science-based model to equitably regulate impacts related to land use and recreational activity along the coast.

This project includes an economic analysis of the balance between jobs and housing, from the perspective of a rural tourist economy, and the reality that many service workers in the coastal region probably travel long distances to get to their jobs. It would evaluate existing VMT threshold strategies and develop sustainable policies to safeguard low cost visitor serving facilities and ensure disadvantaged communities are not negatively impacted, addressing the County’s need to meet CEQA requirements and the ability of developers and business owners to mitigate potential impacts to already stressed housing stocks. As most existing mitigations are derived from urban and semi-urban contexts nationwide, this project would develop applicable mitigations to add value in the rural/coastal context applicable to Sonoma County, and potentially other rural areas in the state.

With Round 6 funding, the County proposes to gather baseline transportation data for coastal Sonoma County, develop and launch a stakeholder outreach strategy and a web-based Vehicles Miles Traveled Estimation Tool for coastal land use projects, and develop a new transportation policy to meet the SB 743 Guidelines, including the development of a prioritized list of mitigation actions that apply in the rural/coastal context.

The proposal includes the following key components:

- Summarize existing VMT policies and development of baseline vehicular miles traveled data.
- Develop a GIS and web-based VMT Estimation Tool. Develop and set thresholds consistent with SB 743, and a prioritized list of mitigation actions that apply in the rural/coastal context.

Discussion

Sonoma County has approximately 69 miles of shoreline and its coastal zone supports numerous coastal resources, including agricultural operations, timber preserves, open space areas, and an extensive network of recreational lands, parks, and beaches, such as Salt Point State Park. The Sonoma County coast also supports an important harbor facility for commercial and recreational boating at Bodega Bay, while visitor-serving commercial facilities provide for recreational and employment opportunities for inland commuters.

The Sonoma County LCP was originally certified in 1981, and a major update was approved by the Commission in 2002. Following the County's adoption of the Sonoma County General Plan 2020 in 2008, the County embarked on an update to its LCP with help from an Ocean Protection Council grant in 2013 to prepare a sea level rise assessment and adaptation plan to inform the LCP update. In 2015, a preliminary draft LCP was released for public review, which the County anticipates will be revised and acted on by its Board of Supervisors by early 2019. And, in 2019, the County of Sonoma received funding from the Coastal Commission under Round 5 to complete an update of the County's Local Coastal Plan (LCP) to address sea level rise and climate change-related impacts and integrate the Hazard Mitigation Plan, which was prepared in 2016. The County is currently moving forward with that update to their LCP.

The proposed project addresses the goals of the Greenhouse Gas Reduction Fund by conducting analysis and developing policies that result in GHG emission reductions necessary to reach the goals established in SB 743. By evaluating existing VMT threshold strategies and then developing regional guidelines and sustainable policies to safeguard low cost visitor serving industry, the County can also assure disadvantaged communities are not negatively impacted and provide developers and business owners ways to mitigate potential impacts to already stressed housing stocks.

Award Recommendation

Commission staff does not recommend funding for the County of Sonoma's grant project at this time. The Coastal Commission recognizes that a VMT Analysis and Guidelines for the County are a priority. However, work recently funded to complete the LCP Update remains, and Commission staff is committed to coordinating with the County to complete this important planning effort. The VMT analysis is not integrally related to this focus and represents a separate effort that will compete for use of local assistance funds. Accordingly, Commission staff recommends that the County use the recent Round 5 grant funds and project term to develop the LCP update to address sea level rise, climate change-related impacts, and integration of the recent Hazard Mitigation Plan into their LCP and apply for a future grant, if needed, to complete these additional studies and finalize the LCP Update.

CENTRAL COAST

4) COUNTY OF SAN LUIS OBISPO

Project Title: [San Simeon Coastal Hazards Response Plan](#)

Project Location: San Simeon, San Luis Obispo County

Proposed Timeline: 01/02/2020 – 3/31/2022

	Amount Requested	Recommended Grant Award
Total	\$130,000.00	\$130,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the San Luis Obispo County’s grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$130,000 and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval.

Grant Proposal Summary

The County of San Luis Obispo is requesting a Round 6 LCP Grant to support the San Simeon Community Service District (SSCSD) in the development a Coastal Hazards Response Plan related to inland relocation of the existing San Simeon wastewater treatment plant (WWTP) and wastewater facilities away from the coastal hazard zone, and to develop and submit the resulting LCP amendments associated with the outcomes.

The existing WWTP represents critical public infrastructure that is located in an area known to be at risk from coastal erosion and flooding given the location of the WWTP adjacent to both a coastal stream and public beaches. Damage to the existing WWTP resulting from coastal hazards presents significant risks to public safety and water quality within the community. This situation is representative of the coastal hazards and sea level rise challenges facing critical infrastructure located along all of coastal California’s dynamic shoreline area. Therefore, moving the San Simeon WWTP would serve as a case study for similar facilities along the California coast.

The County would coordinate with the Community Services District to carry out this Project, which would entail development of the draft and final Coastal Hazards Response Plan, stakeholder outreach, and potential amendments to the San Luis Obispo Local Coastal Program (LCP) that would facilitate future relocation of the WWTP.

The proposal includes the following key components:

- Draft & Final Coastal Hazard Response Plan

- Agency and stakeholder outreach
- Draft and Final LCP Amendments
- Locally adopted LCP Amendment

Discussion

The County of San Luis Obispo is proposing to use Round 6 funding to work with the San Simeon Community Services District (SSCSD) to develop a San Simeon Coastal Hazards Response Plan (Project) specific to inland relocation of the existing San Simeon wastewater treatment plant WWTP and wastewater facilities away from the coastal hazard zone. To address needed adaptive management of critical infrastructure, SSCSD would develop a Coastal Hazards Response Plan that would function as a technical report building on previous studies to advance work on planning for WWTP relocation and revetment removal, while addressing coastline climate change impacts. The Coastal Hazards Response Plan would help guide and determine the need for potential future LCP Amendments.

The SSCSD owns and operates the San Simeon Wastewater Treatment Plant (WWTP) located in the community of San Simeon Acres, a low-income community north of Cambria and south of Hearst Castle in northern San Luis Obispo County, which is located entirely within the Coastal Zone. The WWTP is located adjacent to and just downcoast/seaward of the mouth of Arroyo del Padre Juan Creek, and just inland of the public beach at this location.

The County's Round 6 LCP Grant project would include County and SSCSD staff working together to coordinate agency and stakeholder outreach, technical investigations such as evaluation of existing conditions and constraints, alternatives analysis, identification of preferred sites, developing relocation scheduling information, economic evaluations, and the development of Coastal Hazard Response Plan that would address the need to prevent the loss of property (both public and private), damage and disruption of critical public services, providing co-benefits to reduce sea level rise impacts on public health. Planning for the relocation of WWTP infrastructure would reduce the risk of hazardous material release as a result of coastal storm surges or erosion-induced damage and increase resilience to coastal hazards within the WWTP service area.

The County's existing Coastal Zone Land Use Ordinance and the North Coast Area Plan would potentially be amended as part of any relocation project to address WWTP relocation after considering applicable zoning, planning policies, and the feasibility permitting alternatives identified in the Coastal Hazards Response Plan. If an LCP Amendment is necessary, the County would identify any changes in LCP policies or designated zoning to allow for relocation of the WWTP facilities. Additionally, the Coastal Hazards Response Plan would assess potentially feasible adaptation strategies and best management practices to minimize or reduce coastal hazard impacts to critical public infrastructure, specifically targeted for the San Simeon WWTP.

The County intends to complete this project with coordination with CCC and stakeholders (e.g., Regional Water Quality Control Board, State Parks, Ocean Protection Council, California Department of Fish and Wildlife, potential study site property owners), through the public hearing and decision-making process. The Project would address needs of environmental justice

populations, particularly related to climate resilience of critical public infrastructure, and would protect coastal resources and water quality along the San Simeon shoreline for continued coastal access and recreation. LCP policies that support this Project would be included within the Draft LCP Amendment as necessary. Following the completion of the Project funded under Round 6, the County would have a locally adopted complete LCP package, culminating in submittal to the CCC to initiate the certification process.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by developing a Coastal Hazards Response Plan that would facilitate planning the WWTP relocation and revetment removal, while addressing coastline climate change impacts. The community of San Simeon Acres is entirely located within the Coastal Zone, and within the boundaries of a low-income community (defined as a community with a median household income less than 80% of the State-wide average). As stated in CCC staff report Th13b for CDP Application No. 3-19-0020: the existing WWTP represents critical public infrastructure that is located in an area known to be at risk from coastal erosion and flooding given the location of the WWTP atop a coastal bluff and adjacent to both a coastal stream and the ocean. Damage to the existing WWTP resulting from coastal hazards present significant risks to public safety and water quality within the community. This situation is representative of the coastal hazards and sea level rise challenges facing critical infrastructure located along all of coastal California’s dynamic shoreline area.

Award Recommendation

Commission staff recommends fully funding the County of San Luis Obispo’s grant request. **Staff recommends the Commission authorize a grant of \$130,000** to fund the County’s coordination with the SSCSD and development of a Coastal Hazard Response Plan, and an informed approach for the relocation of the San Simeon WWTP which is being impacted by sea level rise.

5) CITY OF MORRO BAY

Project Title: [Plan Morro Bay: Comprehensive Local Coastal Program Update](#)

Project Location: Morro Bay, San Luis Obispo County

Proposed Timeline: 10/1/2019 – 12/31/2020

	Amount Requested	Recommended Grant Award
Total	\$65,000.00	\$65,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the City of Morro Bay’s grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$65,000 and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval.

Grant Proposal Summary

The City of Morro Bay is requesting a Round 6 LCP Grant to build off of previous LCP update work completed under earlier grant rounds and to finalize and complete their LCP documents, including finalizing their 'Plan Morro Bay' which represents a comprehensive update to the Local Coastal Program: Land Use Plan (LUP), land use map, and Implementation Plan (IP).

Overall, the City's proposed LCP update will include strategies to address the effects of climate change, including reduction of greenhouse gas emissions and adapting to sea level rise, to provide policies addressing environmental justice concerns particularly related to climate resilience and to ensure protection of coastal resources and provision of public coastal access and lower-cost recreation for everyone, regardless of race, ethnicity, socio-economic status, or place of residence.

This specific funding proposal includes the following key components:

- Integrate CCC staff comments and finalize the LUP and
- Complete local adoption hearings and submit Comprehensive LCP Update to the Coastal Commission for certification

Discussion

The City's LCP was certified in 1984 and has not been comprehensively updated since then. The last major update to the City's Implementation Plan (IP) was certified in 1997. The age of the documents in addition to the outdated age of the City's 1988 General Plan have resulted in inconsistent documents and policies. While this underscores the importance of updating the City's LCP to reflect key Coastal Act issues, it also has resulted in a complex project to consolidate the LCP and General Plan into one document with corresponding comprehensive update to the City's IP (Zoning Code) as well as EIR.

The City's current efforts to update the LCP is part of a greater integrated planning project referred to as Plan Morro Bay, which includes a General Plan update, LCP update, Zoning Code update, and Downtown Waterfront Strategic Plan, supported by funding support from the Ocean Protection Council (OPC), the California Coastal Commission (Rounds 2 and 3), and the City's General Fund. Plan Morro Bay includes goals and policies for increased resiliency to natural hazards and climate change effects, with an emphasis on planning for strategies to reduce greenhouse gas emissions, and address climate impacts while maximizing benefits to disadvantaged and low-income communities.

The public draft of Plan Morro Bay was completed in May 2018 and circulated to Coastal Commission staff for review and comment. The City has been coordinating with CCC staff on draft LUP and IP edits and is now ready to proceed with finalizing the documents. The updated LCP is scheduled for adoption by the City in December 2020 as part of Plan Morro Bay.

Previous funding received by Coastal Commission and the Ocean Protection Council allowed the City to develop the technical studies and background reports used to inform policy that includes strategies for adaptation planning. These completed background technical reports include a community baseline assessment, community vulnerability and resilience assessment, key issues and policies report, vision and value statement, as well as both an Environmentally Sensitive Habitat Area (ESHA) 2050 Sea Level Rise Scenario Report, and a H++ Update Coastal Resources & Resiliency Report based on OPC's 2018 projections detailing a new extreme risk aversion scenario out to 2100.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by facilitating greenhouse gas reduction through proposed LUP policies addressing coastal resiliency and adaptation planning. Co-benefits include LCP policies aimed at sustainable water resources and conservation, energy efficiency, reducing VMT, air quality, park and ride policies, and greenhouse gas reduction policies among many others.

Round 6 funding would allow the City to complete the LCP, including finalizing Plan Morro Bay which represents the complete Local Coastal Program (LUP, land use map, and IP), as a model LCP with best practices for a range of Coastal Commission priority planning issues afforded by Morro Bay's location and context for other jurisdictions throughout the state to emulate.

The City is committed to completing the Plan Morro Bay project and with comments received from Coastal Commission staff is eager to proceed toward revising the final LUP and IP and circulating the Environmental Impact Report based on the final documents. Upon completion of these tasks, the City would submit a full and comprehensively updated Local Coastal Program for certification to the Coastal Commission.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by facilitating greenhouse gas reduction through proposed LUP policies addressing coastal resiliency and adaptation planning. Co-benefits include LCP policies aimed at sustainable water resources and conservation, energy efficiency, reducing VMT, air quality, park and ride policies, and greenhouse gas reduction policies among many others. Round 6 funding would allow the City to complete the LCP, including finalizing Plan Morro Bay which represents the complete Local Coastal Program (LUP, land use map, and IP), as a model LCP with best practices for a range of Coastal Commission priority planning issues.

Award Recommendation.

Commission staff recommends fully funding the City of Morro Bay's grant request. **Staff recommends the Commission authorize a grant of \$65,000** to fund the City's efforts to finalize their LCP.

6) CITY OF PISMO BEACH

Project Title: [Comprehensive LCP Update and Programmatic Environmental Impact Report](#)

Project Location: City of Pismo Beach, San Luis Obispo County

Proposed Timeline: 10/1/2019 – 11/30/2021

	Amount Requested	Recommended Grant Award
Total	\$300,000.00	\$170,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the City of Pismo Beach’s grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$170,000 and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval. Task 5 (PEIR) and associated funds shall be removed from the work program.

Grant Proposal Summary

The City of Pismo Beach proposes to complete a Sea Level Rise Adaptation Plan, and to update their General Plan/Local Coastal Plan, resulting in a comprehensive LCP Update, and preparation of a programmatic EIR (though the PEIR would not be funded by the grant). The Sea Level Rise Adaptation Plan would build on the existing conditions report and sea level rise vulnerability assessment to develop adaptation strategies that will focus on addressing short-term vulnerabilities (~2030) with effective policy updates and potential projects while developing a vision for addressing mid- to long-term vulnerabilities with larger-scale adaptation projects, and ensure that the City has the tools to realize a more resilient and environmentally just built environment to better serve and protect its resources and residents.

The proposal includes the following key components:

- Draft & Final SLR Adaptation Plan.
- Draft & Final General Plan/LCP and Zoning Code/IP Amendment for submittal.
- Develop Administrative Draft, Draft & Final PEIR (though this would not be funded by the grant, per the Special Conditions)

Discussion

The City of Pismo Beach is located in San Luis Obispo County and stretches along the shoreline for approximately seven miles. Most of the city lies within the coastal zone, with the northwestern half of the City mostly confined by steep hillsides that rise to 1,000 feet in some areas and form a magnificent open space backdrop to the City’s northern neighborhoods and the beaches below. A

series of recreational beaches stretch to the south, ultimately connecting to and including the beach and dune areas associated with the Oceano Dunes State Vehicular Recreational Area. Mobile home parks, RV parks, and camping areas extend along some of these beaches. North of the downtown, the shore is lined with steep cliffs up to 100 feet above ocean level. Much of this area nearest downtown is developed with larger hotels and restaurants. The remainder of the city is generally made up of the downtown area and residential neighborhoods: smaller beach oriented cottages and apartments in southern Shell Beach and the downtown; and larger and newer homes east of Highways 1 and 101 and in the northern Shell Beach and Palisades areas. Significant public access is available along much of the City's bluffs, with trail connections extending to the Avila Beach area to the north and to Grover Beach to the south.

The City of Pismo Beach's LCP was first certified in 1984, with the last major update in 1993. Some minor amendments to the Land Use Plan and Implementation Plan have occurred in the interim; however, given the age of each document and their lack of adequately addressing sea level rise and climate change impacts, the need to update the LCP is high. The City received a Round 4 LCP Grant in August 2017 to complete phase one of the LCP update, which includes development of technical studies and draft LCP provisions related to sea level rise, short-term rentals, and lower-cost visitor-serving accommodations. The City also applied for a Round 5 LCP grant, which was not recommend for funding due to their previous grant award under a Round 4 LCP Grant.

The City of Pismo Beach proposes to update its LCP and General Plan to better address necessary reductions in greenhouse gas emissions, address environmental justice issues, and be more resilient to climate change and sea level rise. The City is currently preparing a Vulnerability Analysis (VA), for which the full extent of the Pismo Beach shoreline and the coastal zone is being studied, with three distinct regions being taken into consideration given the possibility of differing impacts and unique hazards; the bluffs, the downtown areas, and the low-lying areas.

The City's proposed project would build on the existing conditions report and the VA to develop adaptation strategies that will focus on addressing short-term vulnerabilities and develop a vision for addressing mid- to long-term vulnerabilities with larger-scale adaptation projects. The City would then update its General Plan and Land Use Plan policies and descriptions, update existing and draft new policies to make the GP/LUP current based on (a) the City's VA and the GP/LCP existing conditions report, (b) the California Coastal Commission (Commission) LCP Update Guides for Local Governments, (c) Office of Planning and Research (OPR) GP Guidelines, and (4) recent Commission guidance and workshops pertaining to California Coastal Act Chapter Three policy areas. The City would prepare a GP/LCP existing conditions report based on the newly adopted 2017 OPR GP Guidelines, including environmental justice, healthy communities, equitable and resilient communities, growth management, and climate change.

The City also proposes to revise policies within the Zoning Code and submit a comprehensive update to the Zoning Code/Implementation Plan (ZC/IP) to incorporate contemporary planning and zoning best practices, ensure compliance with the applicable federal and state laws, allow for reasonable flexibility, and be easy to use and understand. The update will correct any inconsistencies between the GP and the Zoning Code. This effort would include a technical review of the 1983 Zoning Code (Coastal Implementation Plan) and the 1998 Zoning Code (Zoning Ordinance), the Shell Beach Design Guidelines, and other approved and in-progress

relevant documents; preparation of a ZC/IP Revisions memo, identification of necessary revisions to the City's existing ZC/IP for consistency with the GP/LCP Update; public and stakeholder workshops and engagement; and preparation of a Draft and Final ZC/IP Update documents.

Lastly, the City proposes to develop a Programmatic Environmental Impact Report (PEIR). However, Commission staff recommends removing this task and associated funding from the work program. Public Resources Code section 21080.9 exempts local governments from preparing CEQA documentation for LCPs or LCP Amendments. CEQA is satisfied in these cases because the Commission's program involving the preparation, approval, and certification of LCPs has been found by the Secretary for Resources to meet the requirements of Public Resources Code section 21080.5. Thus, staff believes that funding preparation of EIRs, when they are not required for LCP submittals, is not the most effective allocation of grant funds, and this approach is consistent with the funding determinations made in past grant rounds.

Commission staff is recommending a reduced award of \$170,000, in part to reflect the removal of the PEIR task, and in part because of limited funding available for this grant round. With a growing body of sea level rise focused policy language from both Coastal Commission guidance and ongoing LCP update work, Commission staff believes that the estimated budget for this type of work could be reduced while still allowing adequate funding for the other proposed work. Further, Commission staff is committed to working closely with the City to ensure success on this effort.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by updating its Local Coastal Plan (LCP) and General Plan (GP) to reduce greenhouse gas emissions, address environmental justice issues, and be better prepared and more resilient to climate change and sea level rise. The City is an important tourist destination that services local, state, and international tourists from all different socioeconomic groups. The City includes a number of low-income communities along the coastline and in proximity to coastal resource uses. These communities may also be impacted by sea level rise and fluvial flooding and will benefit from the City's climate resiliency planning, strategies, and implemented projects; both because they live within impact areas and because many community members are dependent on the income provided by employment in the tourist industry. Additionally, the City's visitor-serving amenities and resources provide much-needed coastal access for nearby communities, including Grover Beach and Oceano, both of which are low-income communities as defined in Assembly Bill 1550. Award Recommendation

Commission staff recommends reduced funding for the City of Pismo Beach's grant request. **Staff recommends the Commission authorize a grant of \$170,000** to fund the development of a Sea Level Rise Vulnerability Assessment and Adaptation Plan and an update to the City's LUP.

SOUTH CENTRAL COAST

7) CITY OF CARPINTERIA

Project Title: [Comprehensive Coastal Zoning Ordinance \(IP\) Update](#)

Project Location: City of Carpinteria, Santa Barbara County

Proposed Timeline: 01/02/2020 – 3/31/2023

	Amount Requested	Recommended Grant Award
Total	\$297,000.00	\$190,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the City of Carpinteria’s grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$190,000; removes Tasks 4, 5, and 8 from the work program; and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval.

Grant Proposal Summary

The City of Carpinteria proposes to complete the preparation of their Coastal Land Use Plan/General Plan (CLUP/GP), update their Zoning Ordinance/Implementation plan (Zo/IP), develop a Triggers & Sea Level Rise Monitoring Program, develop a corresponding Critical Infrastructure and Drainage Master Plan, and submit the resulting LCP amendments for certification.

The proposal includes the following key components:

- Public & Administrative Drafts of the CLUP/GP
- Draft & Final Sea Level Rise Monitoring Program, including a Matrix of Triggers associated with Adaptation Strategies.
- Draft & Final Critical Infrastructure and Drainage Master Plan; including a list of findings for incorporation within the Draft Zoning Ordinance
- Draft and Final Zoning Ordinance Update
- Local adoption and Submittal of the Zoning Ordinance LCPA to CCC

Discussion

The City of Carpinteria is proposing to use Round 6 funding to complete the preparation of: the Draft and Final CLUP/General Plan update, for local adoption and submittal to the Coastal Commission, a Triggers & Sea Level Rise Monitoring Program, a Critical Infrastructure and Drainage Master Plan, comprehensive revisions to the Zoning Ordinance including ESHA and SLR Adaptation Overlays, and a Final Zoning Ordinance Update for local adoption and submittal to the Coastal Commission.

The City's current Zoning Ordinance was certified by the Coastal Commission in 1982, and while the City has adopted Zoning Ordinance amendments and obtained amendment certifications from the Commission, the entire Zoning Ordinance has never been comprehensively updated. A Round 3 LCP Planning Grant partially funded the preparation of a Sea Level Rise Vulnerability Assessment and Adaptation Plan (SLRVAAP, submitted to the CCC and finalized in March 2019), and draft policy development for the CLUP/ General Plan update including a new Coastal Resiliency Element, which includes draft policies that incorporate the above adaptation strategies identified in the SLRVAAP, and Healthy Community Element, which includes objectives and policies that align with statewide goals for greenhouse gas (GHGs) reduction and addresses environmental justice populations.

The County's proposed grant project would complete the preparation of the Draft and Final CLUP/General Plan update for local adoption and submittal to the Coastal Commission. It would also fund the comprehensive update to the Zoning Ordinance to realize the CLUP/General Plan goals and policies that support GHG reductions, coastal access and trail development, protection of environmentally sensitive habitat (ESHA), and implementation of the Sea Level Rise Adaptation Overlay. It would include public review and workshops that encourage continued public support and outreach with all segments of the City's population, including targeted outreach to low-income populations. Additionally, the proposed project includes the establishment of a Triggers & Sea Level Rise Monitoring Program to set the framework for monitoring the effects of sea level rise in the future and develops a Critical Infrastructure and Drainage Master Plan, as identified in the Final SLRVAAP.

Because Commission staff is recommending partial funding of \$190,000 for this grant request, staff is also recommending a reduction in the scope of the funded project. A specific condition of approval would remove Task 4 (Triggers & Sea Level Rise Monitoring Program), Task 5 (Critical Infrastructure and Drainage Master Plan) and Task 8 (Adoption of the Zoning Ordinance and Submittal to CCC) from the work program. Commission staff believe these scope and funding reductions are necessary in order to provide enough funding to support the other qualified grant applications described in this staff report. An award of \$190,000 would still support substantial progress in the City of Carpinteria's planning process, and it would bring the total grant funds awarded to Carpinteria over the history of the LCP Grant Program to \$340,000 – a significant investment of program funds. Tasks 4, 5, and 8 are the most natural to omit from the work program because the other tasks are more directly focused on the core work on the LUP and IP, consistent with the purpose of the LCP Grant Program. Specifically, in regard to Task 4 (Triggers & Sea Level Rise Monitoring Program), removing this task from the work program would not necessarily preclude the City from considering and potentially incorporating the concept of trigger-based adaptation in the LCP amendment funded by this grant. Additionally, if appropriate, the City and Commission could consider additional grant awards in future grant rounds to fund the tasks omitted from the proposed work program.

Under separate funding, the City of Carpinteria is applying 1) City funds for a Consultant who is conducting an environmental review of the program and related implementation in accordance with the California Environmental Quality Act (CEQA), resulting in an Environmental Impact Report (EIR) being prepared to evaluate impacts on a range of environmental resources including biological resources, water quality, air quality, greenhouse gases, transportation and vehicle miles traveled, land use, cultural resources, wildfire hazards, and recreation. The EIR would identify

mitigation measures to reduce environmental impacts, which will be integrated into the Final CLUP/General Plan; and 2) Caltrans grant funds under the Caltrans Adaptation Planning Grant program to conduct a feasibility study and conceptual design for a Living Shoreline adaptation strategy (between October 2019-February 2021). The living shoreline is an adaptation strategy identified within the SLRVAAP and will continue to be a part of the public process. Policies that support this project will be included within the Draft CLUP/General Plan and Zoning Ordinance Update.

Following the completion of the project funded under Round 6, the City would have a locally adopted complete LCP package, culminating in submittal to the CCC to initiate the certification process.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by developing a CLUP/General Plan and Zoning Ordinance Update that addresses the needs of the City of Carpinteria to address sea level rise and climate change. The City is entirely located within the Coastal Zone, and within the boundaries of a low-income community census tract (a priority population under the California Climate Investments Funding Guidelines). The CLUP/General Plan update will emphasize consideration of sea level rise hazards upon community health and well-being, integrating new Coastal Resiliency Element policies and implementation measures to address resiliency to sea level rise and coastal hazards, facilitate multi-modal transportation and associated reduction in GHG, and promote social equity and inclusiveness in the decision-making process.

Award Recommendation

Commission staff recommends reduced funding for the City of Carpinteria’s grant request. **Staff recommends the Commission authorize a grant of \$190,000** to fund the City’s efforts to complete and submit the Final CLUP/GP to CCC and to develop a comprehensive Zoning Ordinance Update.

8) COUNTY OF VENTURA

Project Title: [VC Resilient Coastal Adaptation Project \(Phase II\), LCP Update](#)

Project Location: Ventura County

Proposed Timeline: 01/02/2020 – 3/31/2022

	Amount Requested	Recommended Grant Award
Total	\$160,070.00	\$130,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the County of Ventura's grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$130,000 and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval.

Grant Proposal Summary

The County of Ventura proposes to continue its "VC Resilient Coastal Adaptation Project," into Phase II, which would include adoption and certification of the Local Coastal Program (LCP) amendments for sea level rise and coastal hazards, as well as for fire hazards. In addition, the County would incorporate relevant climate action planning policies from the County's Climate Action Plan into the LCP.

The proposal includes the following key components:

- Bilingual outreach materials and an LCP Update website
- Draft & Final LCP Amendments for climate change, sea level rise and other hazards.
- Locally adopted LCPA(s) for CCC Certification.

Discussion

The County of Ventura proposes to use Round 6 funding to initiate Phase II of the VC Resilient Coastal Adaptation Project (Phase II). The project would build on work completed under a Round 3 LCP Planning Grant to conduct the "VC Resilient Coastal Adaptation Project, Phase I" (Phase I), which resulted in a Sea Level Rise Vulnerability Assessment Report, Sea Level Rise Adaptation Strategies Report, and preliminary draft sea level rise policies for the County's Land Use Plan (i.e. Coastal Area Plan), providing a foundation for sea level rise planning for 30 miles of unincorporated southern California coastline.

Using Round 6 funding, the County proposes to develop a Public Outreach Plan to implement the recommendations from the Social Vulnerability analysis included in the Vulnerability Assessment developed under Phase I, including formation of an Interagency Working Group and work with Caltrans District 7 to integrate critical agencies in the process, development of bilingual outreach materials, and development of an LCP Update website. The County would complete Draft and Final Draft Hazards Policies and Zoning Amendments, Draft Hazards Policies and Zoning Amendments, including Preliminary Draft Sea Level Rise Policies, and Transfer Climate Action Plan Policies.

The County would prepare and submit Draft LCP amendments to the Coastal Commission for review, including the Coastal Area Plan and Coastal Zoning Ordinance with revisions, and then prepare Draft and Final LCP Amendments for Hazards, Sea Level Rise, and Climate Action Plan, including a locally adopted LCP Final package, concluding in submittal of the LCP to the Commission for certification.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by developing Hazards Policies and Zoning Amendments for the County's LCP that would reduce greenhouse

gas emissions and establish Coastal Hazards Screening Areas (where development would be required to be sited and designed for resilience to flooding, including coastal bluff areas predicted to be severely affected by erosion). The project would provide outreach and education opportunities and encourage participation with disadvantaged and low-income communities during the process of developing policies to mitigate the effects of sea level rise and wildfires. The climate change co-benefits resulting from the project would include policies and programs that support beach nourishment and dune restoration, providing habitat for threatened and endangered species, and address drought by supporting wetland and watershed restoration. The adopted LCP would include policies in support of adaptation efforts that plan for the resilience of public access, recreational uses, and multimodal trails that support public health and reduce vehicle miles traveled.

Award Recommendation

Commission staff recommends slightly reduced funding for the County Ventura’s grant request. **Staff recommends the Commission authorize a grant of \$130,000** to fund the County’s efforts to complete and submit the locally adopted LCP Amendment.

9) CITY OF MALIBU

Project Title: [City of Malibu Adaptation Plan and LCP Update](#)

Project Location: City of Malibu, Los Angeles County

Proposed Timeline: 03/01/2020 – 3/31/2022

	Amount Requested	Recommended Grant Award
Total	\$250,000.00	\$175,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the City of Malibu’s grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$175,000 and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval.

Grant Proposal Summary

The City of Malibu proposes to update their LCP to address sea level rise, including development and inclusion of a Coastal Vulnerability Assessment and Malibu Lagoon State Beach Coastal

Morphology & Hydrology Study Report (using external funding), development of a Sea Level Rise Adaptation Plan, and development of a sea level rise focused associated LCP amendment.

The proposal includes the following key components:

- Draft & Final Sea Level Rise Adaptation Plan
- Draft & Final LCP Update focused sea level rise
- Locally approved LCP Update for CCC certification

Discussion

The City of Malibu, which incorporated in 1991, lies entirely within the State designated Coastal Zone and extends approximately 25 miles from the Ventura County Line on the west to Topanga Canyon Boulevard on the east. Inland, the City's Coastal Zone boundary extends approximately 2 miles and includes portions of the coastal terrace and slopes of the Santa Monica Mountains. The City appointed a Local Coastal Plan Committee in 1994. After incorporation, the City adopted a General Plan in November 1995 and an interim Zoning Ordinance (GP/LCP). The City's LCP was certified by the Commission in 2002.

The City proposes to develop a Sea Level Rise Adaptation Plan, including adaptation measures/strategies to minimize risks from hazards and to protect coastal resources to address Malibu's specific SLR vulnerabilities, including minimizing impacts and risks to coastal resources, infrastructure, and development. The City also proposes to develop a trigger-based adaptation pathway strategy for implementing identified adaptation measures with the goal of having an economically and politically feasible plan that prepares the City for the worst-case scenario of anticipated hazards.

Under separate funding, the City of Malibu has initiated a Coastal Vulnerability Assessment and partnered with Los Angeles County Department of Beaches and Harbors and California State Parks to request proposals for the Malibu Lagoon State Beach Coastal Geomorphology Study. The City's Coastal Vulnerability Assessment will assess vulnerability of coastal resources and identify adaptive strategies and options, engage and informs stakeholders and decision-makers on the potential impacts and mitigating options related to sea level rise.

The City will use Round 6 funding to provide capacity and resources to incorporate the technical results from the City's Sea Level Rise Adaptation Plan, Coastal Vulnerability Assessment and Malibu Lagoon State Beach Coastal Geomorphology Study, into LUP policies to address: the protection of public access to beaches, parks and other recreational facilities; climate adaptation along the coast and creeks to ensure resiliency; promotion of a healthy quality of life for residents and visitors to the community; sustainable economic planning to ensure long-term success of strategies and goals; and reflection of the climate change preparedness actions and principles in the Safeguarding California Plan for Reducing Climate Risk, as well as the Coastal Commission Sea Level Rise Policy Guidance.

The City's proposed grant project will also prepare a new LCP Implementation Plan to implement the updated LUP, including measures and standards that address SLR adaptation, and the City

intends to develop LCP and General Plan (GP) planning documents to submit for public review, City Council approval, and eventual Commission certification.

Commission staff is recommending a reduced award of \$175,000 due to limited funding available for this grant round but is not recommending specific changes to the scope of work. Staff believes that the recommended grant award is consistent with past awards for similar projects (those that do not include vulnerability assessments or comprehensive LCP updates). Additionally, with a growing body of sea level rise focused policy language from both Coastal Commission guidance and ongoing LCP update work, Commission staff believes that the estimated budget for this task could be reduced while still allowing adequate funding for the adaptation plan and public outreach and engagement. Further, Commission staff is committed to working closely with the City to ensure success on this effort.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by preparing a new LCP Implementation Plan that implements measures and standards that address SLR adaptation, and the effects of sea level rise, climate change, and associated coastal hazards. The City proposes to engage with non-residents (those who visit, work or recreate along the coast) and disadvantaged, environmental justice, or vulnerable communities, as well as other underserved populations to develop policies that protect: public access to beaches, parks and other recreational facilities; climate adaptation along the coast and creeks to ensure resiliency; promotion of a healthy quality of life for residents and visitors to the community; sustainable economic planning to ensure long-term success of strategies and goals; and reflection of the climate change preparedness actions and principles.

Award Recommendation

Commission staff recommends reduced funding for the City Malibu grant request. **Staff recommends the Commission authorize a grant of \$175,000** to fund the City’s efforts to complete and submit a sea level rise adaptation plan, and to develop and adopt a sea level rise focused LCP amendment.

SOUTH COAST

10) CITY OF AVALON

Project Title: [City of Avalon Adaptation Plan to address SLR, LCP update](#)

Project Location: City of Avalon, Los Angeles County (Channel Islands)

Proposed Timeline: 1/1/2020 – 2/28/2022

	Amount Requested	Recommended Grant Award
Total	\$200,000.00	\$130,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the City of Avalon's grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$130,000 and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval. Additionally, a task shall be added to the work program that provides for the incorporation of sea level rise adaptation strategies stemming from the proposed sea level rise Adaptation Plan into a working draft LCP Amendment, which was initiated with support from a Round 4 LCP Planning Grant.

Grant Proposal Summary

The City of Avalon proposes to develop an Adaptation Plan for the City that provides a road map for implementing projects, programs and policies that will assist in mitigating adverse impacts from sea level rise. The City is currently developing a Sea Level Rise Vulnerability Assessment and is working on a working draft of a targeted LCP amendment on sea level rise to incorporate the findings of the Vulnerability Assessment into the coastal hazards chapter of the Land Use Plan.

The proposal includes the following key components:

- Public Outreach
- Existing Conditions Report, Draft Monitoring Plan & Triggers
- Draft & Final Adaptation Plan
- Locally adopted Adaptation Plan

Discussion

The City of Avalon is the only incorporated city on Catalina Island, which is located approximately 22 miles southwest of the City of Los Angeles Harbor. The coastal community of approximately 4,000 residents has around three miles of coastline along the Pacific Ocean, with the majority of the City's services centered around the harbors and beaches of Avalon Bay. The City has an abundance of coastal resources geared towards eco-tourism activities, including numerous beaches, hiking trails, and swimming and boating areas. The City of Avalon's LCP was certified on 1981 but has not been comprehensively updated to address sea level rise and climate change.

Under a Round 4 LCP Grant, the City is currently developing a Sea Level Rise Vulnerability Assessment (VA) and is working on a targeted LCP amendment to incorporate the findings of the VA into the coastal hazards chapter of the Land Use Plan. City of Avalon proposes to use Round 6 funding to evaluate the feasibility of a range of strategies for protecting and preserving coastal resources.

As a part of the Round 6 project, the City would develop a Community Engagement Plan to facilitate community and stakeholder outreach to obtain input on adaptation strategies, and incorporate input received from community stakeholders, which along with other collected data and previous planning efforts, would be incorporated into the Adaptation Plan strategies and Monitoring Plan. The Adaptation Plan would include conceptual adaptation strategies, evaluation of conceptual alternatives, monitoring plan and triggers to be used to address identified hazards. These outcomes would then be incorporated into the final documents, following the Commission's SLR Adopted Policy Guidance and the 2018 OPC State SLR Guidance.

The City of Avalon has secured a grant from Caltrans to develop a Transportation Adaptation Plan, including detailed analysis and evaluation of adaptation strategies for transportation infrastructure such as the Cabrillo Mole, Pebbly Beach Road (a critical arterial that connects barged supplies to the City), and the waterfront boardwalk. In addition to this transportation infrastructure, there are a wide variety of other resources that will require some form of adaptation to preserve the function and value to the community. These include the beaches, the Green Pier, commercial development, utilities infrastructure, Pebbly Beach Industrial Area, and historic waterfront structures. Data and findings from the Transportation Adaptation Plan (Caltrans grant) will be leveraged to develop and evaluate strategies for other resources and vulnerabilities.

Based on data collected from community stakeholders, and previous supporting plans (such as the Vulnerability Assessment Report, Sea Level Rise Report, Climate Adaptation Plan, Transportation Adaptation Plan, and more) and planning efforts, the City's consultants would conduct an analysis of the proposed implementation strategies to prioritize the potential land use and other implementation improvements based on vulnerability, impact, timeframe, and cost. The consultant would also review and identify potential funding sources for future implementation of priority projects and develop a complete Draft Adaptation Plan for public review and comment. The City will then work with Commission staff to develop the Final Adaptation Plan for adoption by City Council.

Commission staff recommends a specific condition of approval that would incorporate an additional task into the work program providing for the incorporation of appropriate adaptation strategies from the Adaptation Plan into the City's working draft LCP Amendment on sea level rise. This working draft LCP Amendment will be initiated during the work funded by a Round 4 grant, which will conclude by the end of 2019. The Round 4 grant was initially scoped such that the City would locally adopt the LCP Amendment and submit it to the Commission, but both staffs agreed that it would be a more efficient use of resources to maintain the LCP Amendment in working draft form, and provide the opportunity for outcomes from the proposed Round 6 LCP Planning Grant – including measures from the sea level rise Adaptation Plan, in particular – to be incorporated into the LCP Amendment. Therefore, if the Commission approves the Round 6 grant application with the specific conditions recommended in this staff report, the City and Commission staffs would work together to amend the Round 4 grant project such that the Round 4 and 6 work programs dovetail together and allow specific sea level rise adaptation strategies from the Adaptation Plan to be incorporated into the working draft LCP Amendment.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by developing specific sea level rise adaptation strategies and policies that will help the City address adverse impacts from sea level rise. Los Angeles County has identified 61.56% of the population of Avalon falls within the low/moderate income levels, and the Avalon General Plan (2013) states

that 41% of the year-round population is within the Extremely Low/Very Low/Low income levels. Additionally, over one million visitors come to Avalon from a variety of socio-economic backgrounds to use the novel and historic, yet at-risk infrastructure. The LCP Policies developed under this project would help the City to prepare for and adapt to sea level rise and climate change impacts with new strategies for transportation infrastructure, public beaches, commercial development, utilities infrastructure, Pebbly Beach Industrial Area, the Green Pier, and historic waterfront structures, including the waterfront boardwalk, all of which will require adaptation to preserve their function and value to the community.

Award Recommendation

Commission staff recommends reduced funding for the City Avalon grant request. **Staff recommends the Commission authorize a grant of \$130,000** to fund the City’s efforts to complete and submit the Adaptation Plan and updated working draft of an LCP Amendment on sea level rise.

11) CITY OF SANTA MONICA

Project Title: [City of Santa Monica Implementation Plan Full Scope](#)

Project Location: Santa Monica, Los Angeles County

Proposed Timeline: 1/1/2020 – 3/31/2022

	Amount Requested	Recommended Grant Award
Total	\$125,000.00	\$50,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the City of Santa Monica’s grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$50,000, including Tasks 1-2 as proposed in the grant application but not Tasks 3-5, and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval.

Grant Proposal Summary

The City of Santa Monica proposes to complete a Coastal Zoning Ordinance (CZO) and develop IP submittal for certification.

The proposal includes the following key components:

- Review IP (CZO) draft from prior work
- Administrative Draft IP/CZO
- Public Draft & Final IP/CZO
- Locally adopted IP/CZO for certification

Discussion

The City of Santa Monica proposes to use Round 6 funding to complete a Coastal Zoning Ordinance (CZO) and submit the completed document to the Commission for certification. The CZO would take the form of a new Municipal Code article, which will apply to all properties in the Coastal Zone in place of the Zoning Ordinance (SMMC Article 9).

The City of Santa Monica has many significant coastal resources along its 3 miles of shoreline, including public access resources that are utilized by millions of City and County residents and tourists. Although a small-mid-sized city with a population of about 92,000, Santa Monica welcomes more than 17 million visitors each year according to tallied lifeguard counts. The Santa Monica Pier, promenade, and beaches provide affordable, lower-cost visitor serving amenities to all visitors. The City has also taken steps to make the coastal zone walkable, bicycle-friendly, and accessible by public transit with access to the new Exposition Light Rail. These alternative modes of transportation provide options to commuters that commute from inland to work and have the benefit of reducing vehicle miles traveled and overall greenhouse gas emissions generated by the City. The City of Santa Monica does not have a certified LCP but does have a certified Land Use Plan from 1992. As a result, the City does not maintain permitting authority within its coastal zone.

The City began its LCP Update process in 2015 by preparing a Land Use Plan funded by a Round 2 LCP Planning Grant. The City Council approved the updated LCP Land Use Plan in October 2018, and it is currently pending Commission hearing and certification. The City also received partial funding to begin preparing an Implementation Plan in Round 3 of the Planning Grant Program, and this work is currently underway. The resources from the Round 3 Planning Grant would fund the IP project through preparation of an administrative draft. The City is requesting additional resources under Round 6 to complete the project, which is anticipated to occur in about 2½ years.

The City proposes to build on the prior grant work, which produced an Administrative Draft IP and a summary table showing where each of the LUP's coastal policies has been integrated with City zoning regulations. Moving forward, a new section on Sea Level Rise would be developed based on the LUP policies, which closely adhere to the Coastal Commission Sea Level Rise Policy Guidance (2015). The City and its consultant team would then coordinate review of the Administrative Draft with other affected City Departments and the Coastal Commission staff. Once this review is complete a Public Draft of the IP would be released for review and comment.

The City would conduct public outreach, particularly to engage constituents affected by any proposed ordinance changes required to implement Coastal policies. The outreach will build on the LUP efforts and notify both the general public and affected property owners, residents and businesses to inform them of potential new regulations. For certain proposed new sections of the ordinance, City staff will conduct meetings with stakeholders and community groups. City Staff

will also reach out to involve regional groups and others that were involved in the LUP process, especially in regard to Sea Level Rise planning.

Commission staff is recommending partial funding of \$50,000 for the City of Santa Monica grant request. Because of the reduction in the award amount, staff is also recommending a reduction in the scope of the funded project. A specific condition of approval would concentrate funds on the early tasks in the grant proposal, including Task 1 (Project Initiation) and Task 2 (Review Administrative Draft CZO and Release Public Review Draft). These tasks would result in a draft CZO that reflects the input and coordination that has occurred to date, and they would provide an additional opportunity for stakeholders, the public, and Commission staff to provide input. Thus, this award recommendation would allow work on the CZO to continue, building upon the work funded by both City resources and past LCP Planning Grants (Rounds 2 and 3). Commission staff believes this recommendation strikes the right balance of supporting Santa Monica's ongoing project while also ensuring that grant funds are available to support the other projects described in this staff report. If awarded, this Round 6 grant would bring the total grant funds awarded to Santa Monica over the history of the LCP Grant Program to \$350,000, which represents a significant investment of program funds. If appropriate, the City and Commission could consider additional grant awards in future grant rounds to fund local adoption and submittal of the CZO.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by developing policies that establish coastal regulations to implement Santa Monica's environmental and mobility policies, supporting a pedestrian and transit-oriented environment. While these policies would benefit the entire community by improving air quality and reducing traffic, they would have particular advantage for people living in disadvantaged communities for whom public transportation is the best or only means to visit the coast. In addition, The City's LCP Update would set targets and adopted strategies in the Sustainable City Plan to reduce GHG emissions by implementing multi-modal circulation policies to improve access to the beach area by managing vehicle congestion, increasing bike, pedestrians and transit options, and reducing per capita vehicle miles traveled (VMT).

Santa Monica's coastal zone economy acts as a significant job hub for disadvantaged communities, particularly census tracts located southeast of Downtown Los Angeles. The highest concentration of jobs in the Santa Monica/Venice/ Westchester area is in Downtown Santa Monica and the coastal area, with most jobs concentrated in the retail, hotel and restaurant sectors, and more than half of Santa Monica workers traveling more than 10 miles. The proposed CZO would provide new policies that strengthen the City's transit systems, benefiting the larger community that live far from the coastal zone but work there every day.

Award Recommendation

Commission staff recommends reduced funding for the City Santa Monica grant request.

Staff recommends the Commission authorize a grant of \$50,000 to fund the City's efforts to complete the revised Administrative Draft CZO and release it for public review.

12) CITY OF SEAL BEACH

Project Title: [Seal Beach Local Coastal Program](#)

Project Location: Seal Beach, Orange County

Proposed Timeline: 1/1/2020 – 3/31/2021

	Amount Requested	Recommended Grant Award
Total	\$80,000.00	\$ 50,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the City of Seal Beach’s grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$50,000 and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval. Since Task 2.1 (Administrative Draft Land Use Plan) will be accomplished through a Round 3 grant work program, it shall be struck from the Round 6 work program.

Grant Proposal Summary

The City of Seal Beach proposes to complete their Local Coastal Program, including finalizing their LUP and developing and finalizing their IP, completing the review processes, then submitting for certification.

The proposal includes the following key components:

- Public Review Draft Land Use Plan
- Administrative Draft & Public Review Draft Implementation Plan
- Submittal of LUP and IP

Discussion

The City of Seal Beach proposes to use Round 6 funds to continue LCP development, which was initiated under a Round 3 grant. With additional grant funding from Round 6, the City would initiate Phase II of their LCP Preparation work, including: finalizing a Public Review draft of the Land Use Plan; initiating and finalizing the Implementation Plan, including community outreach; circulating the Public Review Draft Local Coastal Program; preparation of the Final Local Coastal Program for local adoption; and, submittal of the LCP to the Coastal Commission.

The LUP was certified with suggested modifications by the Commission on July 28, 1983, however, the City did not adopt the suggested modifications and the Commission action lapsed.

After numerous discussions, the City applied for and received a Round 3 LCP planning grant to pursue certification of its LCP that builds on the prior draft LUP. This previous LCP Grant, 'LCP Preparation Phase I,' funded comprehensive technical/baseline studies including a Sea Level Rise Vulnerability Assessment, a community outreach effort, development of sea level rise adaptation strategies, development of policy framework to address sea level rise with the Coastal Zone of Seal Beach; and by December 2019, the City will submit an Administrative Draft Land Use Plan for Coastal Commission review and comment, as the final deliverable under that grant.

Under the proposed Round 6 project, the City would continue to coordinate the work effort with their consultant to complete their Land Use Plan. The City is proposing to include development of the Administrative Draft Land Use Plan as well as development of the Public Review Draft Land Use Plan, which would be made available to the public for review and comment, with equitable opportunities for the community to engage in the review process. Because the Administrative Draft Land Use Plan will be produced in the Round 3 Grant project term, a specific condition of approval would strike a duplicate task from the proposed Round 6 work program (specifically, Task 2.1 as proposed) for clarity, and to avoid duplication of tasks between grants.

In addition, the City proposes to initiate and complete an Implementation Plan for incorporation into the Final Local Coastal Program, based on the Land Use Plan policies finalized under the proposed grant. The City will integrate the Implementation Plan as part of the Seal Beach Municipal Code and establish a Coastal Development Permit Ordinance to identify procedures for processing permits at the local level following Local Coastal Program certification. Additionally, the Implementation Plan would incorporate regulations from existing Specific Plans within the Coastal Zone.

The Administrative Draft Implementation Plan would then go through public review and Commission certification process in coordination with Coastal Commission staff. The consultant would coordinate with Coastal Commission staff and incorporate recommendations as applicable in to a Public Review Draft Implementation Plan, then prepare a summary of public comments received on the Public Draft Implementation Plan, incorporate revisions as applicable. Finally, the City of Seal Beach will prepare the Final Local Coastal Program for submittal to the Coastal Commission for review and certification.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by providing updated policies and strategies for adaptation to sea level rise and inland flooding. Additionally, the City continues to prioritize community engagement with residents, stakeholders, and other affected persons (including disadvantaged and low-income communities). Finalizing the LCP for the City of Seal Beach would result in the incorporation of sea level rise adaptation strategies and a policy framework to address sea level rise with the Coastal Zone of Seal Beach.

Award Recommendation

Commission staff recommends reduced funding for the City Seal Beach grant request. **Staff recommends the Commission authorize a grant of \$50,000** to fund the City's efforts to complete and submit the LUP and IP for certification.

13) CITY OF HUNTINGTON BEACH

Project Title: [Huntington Beach Comprehensive Local Coastal Program Update](#)

Project Location: Huntington Beach, Orange County

Proposed Timeline: 1/1/2020 – 11/30/2021

	Amount Requested	Recommended Grant Award
Total	\$224,340.00	\$200,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the City of Huntington Beach’s grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$200,000 and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval. Grant funds shall focus on sea level rise related tasks (including LCP policy development), but may also be used for the wider comprehensive LCP update consistent with the proposal.

Grant Proposal Summary

The City of Huntington Beach proposes to update their Sea Level Rise (SLR) Vulnerability Assessment that was completed in 2014 in preparation for the City of Huntington Beach’s LCP Update. This update would inform the development and integration of a Coastal Resiliency Program Update (CRP) with the LCP, develop and adopt a Flood Plain Ordinance update, and develop the associated LCP Update. The proposed project would result in a comprehensive update to the Coastal Element of the City’s Local Coastal Program (LCP) which has not been comprehensively updated since 2001.

The proposal includes the following key components:

- Updated SLR Vulnerability Assessment, including incorporation of updated sea level rise projections and statewide guidance.
- Coastal Resiliency Program Update & Monitoring Program Summary
- Draft & Final Comprehensive LUP Update
- Draft & Final Floodplain Ordinance Update
- Public outreach and engagement

Discussion

Huntington Beach includes 9.5 miles of coastline, including extensive wetlands that provide critical habitat for numerous endangered species, with 19 percent of its geographic boundary located within the Coastal Zone. The City has 11,617 homes in the Coastal Zone, and approximately 30,000 homes in the total area of the City are currently or expect to be exposed to inundation (over 1/3 of the City's housing units). In addition, the City has an annual visitor population of more than 11 million people, with the greatest attendance during summer, special events, and weekends to its City and State beaches.

The City's LUP was certified in 1981 and the IP was certified in 1985, and a substantially revised LCP Implementation Plan was effectively certified in June of 1997. A comprehensive Update to the LUP was submitted on December 29, 1999, to replace the Coastal Element (LUP) in its entirety. In preparation for the 2017 comprehensive General Plan Update, the City prepared a SLR Vulnerability Assessment in 2014. The SLR assessment was consistent with CCC Guidance at the time of adoption but does not incorporate new guidance outlined in the 2018 Science update to the SLR Policy Guidance. Additionally, in recognition of assessment findings and to demonstrate the City's commitment to addressing SLR, the City's adopted General Plan includes a Coastal Resiliency Program (CRP) which includes measures to address and adapt to hazards associated with sea level rise. However, this CRP was only intended to serve as a "bridge document" linking the General Plan update to a future comprehensive LCP update, with recognition of the fact that many strategies are more appropriate for the LCP... Further, the City's last comprehensive update to the Land Use Plan/Coastal Element of the City's certified LCP occurred in 2001. Therefore, the City expresses a critical need to update the LCP at this time, particularly in light of hazards identified in the 2014 SLR Assessment.

As a part of the proposed project the City would conduct work with consultants to analyze the existing inventory of impacted facilities and resources for consistency with updated sea level rise science; conduct extensive outreach to coordinate with the public and with other local stakeholder organizations for review and comment; and complete an updated SLR Vulnerability Assessment. The City will also review the current CRP and other relevant studies and adaptation policies that have been implemented elsewhere in order to consider best practices for completing the proposed CRP Update, and review for consistency with current guidance. The updated CPR will also establish a monitoring program based on public data sources.

The findings from the updated sea level rise vulnerability assessment and Coastal Resiliency Program would then be incorporated into a comprehensive LUP update. Specifically, the City proposes to prepare a Final Coastal Element (LUP) consistent with the Commission's SLR Policy Guidance, the 2019 OPC State SLR guidance, and the goals outlined in the 2017 General Plan Update in addition to updating other portions of the LUP unrelated to coastal hazards and sea level rise. City staff will present the final Coastal Element to the City of Huntington Beach City Council for adoption; and then submit the LUP update to the Commission for certification. Additionally, the City proposes to develop a Draft and Final Floodplain Ordinance Update that identifies components of the City's current Floodplain Ordinance to address SLR.

Commission staff is recommending a slightly reduced award, reflective of limited grant funds available this grant round, but is not recommending any specific changes in project scope. However, the proposed project is ambitious in nature, and as such Commission staff recommends including a special condition to require the City to focus grant funds on sea level rise related tasks (including SLR-related LUP policy development) consistent with grant funding goals, particularly should unforeseen circumstances result in project delays, budget shortfalls, or similar scenarios.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by completing a comprehensive LCP Update that identifies and incorporates planning and implementation strategies to adapt to the effects of climate change, particularly sea level rise. The updated SLR analysis would allow the City to update their CRP, Coastal Element Update, and Floodplain Ordinance, and effectively plan for and adapt to current and future sea level rise that would impact communities in and beyond the Coastal Zone. There are multiple AB-1550 Low-Income Communities located within 1-2 miles of the boundaries of the City’s Coastal Zone (as identified by the California Air Resources Board Priority Population maps), encompassing over 15,000 residents (U.S. Census Bureau Census Tract Data). The City proposes to conduct extensive community engagement to ensure ample opportunity for input from stakeholders that would be most impacted by climate change, including disadvantaged and low-income communities, to ensure opportunities to participate in the planning process. Once adopted, these plans would allow the City to better align its policies and priority implementation projects with the goal of mitigating the impacts of climate change.

Award Recommendation

Commission staff recommends reduced funding for the City Huntington Beach grant request. **Staff recommends the Commission authorize a grant of \$200,000** to fund the City’s efforts to complete sea level rise vulnerability assessment and adaptation planning and a comprehensive LUP update.

14) CITY OF DANA POINT

Project Title: [Dana Point Local Coastal Program Amendment \(LCPA\) Planning and Sea Level Rise Adaptation](#)

Project Location: Dana Point, Orange County

Proposed Timeline: 1/6/2020 – 3/30/2022

	Amount Requested	Recommended Grant Award
Total	\$120,000.00	\$110,000.00

Conditions of Approval

In addition to General Requirements, staff recommends the following specific conditions on the City of Dana Point's grant award:

By December 13, 2019, the grantee shall submit a revised work program, budget and schedule for review and approval by the Executive Director that reflects an award of \$110,000 and includes the necessary revisions and detail to complete execution of the grant agreement consistent with the terms and conditions of the approval.

Grant Proposal Summary

The City of Dana Point proposes to develop an LCP Amendment on sea level rise, for submittal and certification.

The proposal includes the following key components:

- Draft & Final LCP Amendments (LUP and IP), including new maps associated with SLR Adaptation of vulnerable areas.
- Locally adopted LCPA submittal for certification

Discussion

The City of Dana Point proposes to develop an LCP Amendment to address the impacts of SLR on coastal access, facilities, and resources to make the City more resilient to SLR. The proposal would build upon the City's efforts initiated with Round 3 LCP Grant funding to develop a sea-level rise (SLR) vulnerability assessment and preliminary policies and standards for the City of Dana Point.

The area within all of the former Orange County LCP segments of Laguna Niguel, Dana Point and Capistrano Beach (along with a small portion of the South Laguna segment) were incorporated into the City of Dana Point on January 1, 1989. The City made minor changes to the County's effectively certified South Laguna, Dana Point and Capistrano Beach segments LCP documents and combined them, adopting them as the City's LCP (LUP and zoning). These were effectively certified by the Commission on September 13, 1989, also the date on which the City assumed permit-issuing authority. The City's current LCP was certified in 1991 and lacks SLR adaptation policies.

The City of Dana Point's western boundary includes seven miles of beaches, prominent coastal bluffs, and scenic rolling hills along the Pacific Ocean, making it accessible to over 50,000 annual visitors to the city who utilize its low-cost coastal resources. Access to the City is available via the adjacent train stations and public transportation, the California Coastal Trail and San Juan Creek Trail, and seasonal Trolley service provided by the Cities of Dana Point, Laguna Beach, and San Clemente.

Using Round 6 funding, the City would develop an Amendment to incorporate sea level rise adaption measures into its LCP. The proposed LCPA would provide the regulatory tools for the preservation, protection, and/or adaptation existing public and private assets (including coastal

resources, access, and lower cost recreational facilities) for not only residents but also visitors (including priority populations in the region and state).

The proposed project would include the development of climate adaptation oriented policies and standards for coastal resources and private property to make them more resilient to SLR. New and modified adaptation measures, standards, and best management practices such as shoreline protection (when applicable under the Coastal Act), hybrid dunes, sand replenishment, and the design of new structures that are resilient to SLR would be utilized to address impacts of SLR on private and public property (including coastal access and resources), while maximizing benefits, and avoiding substantial burdens to the public.

The City would coordinate with all stakeholders during the development of the LCPA, including land owners such as State Parks (Doheny State Beach and Campground) and the County of Orange (remaining beaches and Harbor). The City would distribute the draft LCP Amendment for review and comment through Public Workshops and incorporate public comments, present the LCPA in public hearings to the Planning Commission and City Council for adoption, and then submit the locally approved LCPA to the Commission for the formal review.

The proposed project meets the goals of the Greenhouse Gas Reduction Fund by completing an LCP Amendment focused on climate adaptation to address the impacts of sea level rise on coastal access, facilities, and resources to make the City more resilient to the impacts of rising seas, including climate adaptation oriented policies and standards for coastal resources. Adaptation measures would be considered to make the design of public (coastal resources, access, facilities) and private property resilient to sea level rise, including shoreline protection (when applicable under the Coastal Act), hybrid dunes, sand replenishment. By adapting these coastal resources, the City would be ensuring their continued use and benefit for residents and visitors (including priority populations in and out of the City), maximizing their benefits and reducing the burdens to residents and visitors (including priority populations) by continuing to make these resources available.

Award Recommendation

Commission staff recommends slightly reduced funding for the City Dana Point grant request. **Staff recommends the Commission authorize a grant of \$110,000** to fund the City’s efforts to complete and submit an LCP Amendment incorporating policies to address the impacts of SLR.

Fourteen grant applications were submitted requested \$2,347,830.00, Commission staff is recommending twelve Grants for funding, totaling: \$1,500,00.00.

Round 6	Requested	Recommended
Total	\$ 2,347,830.00	\$ 1,500,000.00

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VII. GRANT AWARD ADMINISTRATION

Upon compliance with the requirements for each grantee to revise its work program and budget, the Coastal Commission staff will provide the local government with a draft grant agreement for execution by both parties. Commission staff will also review, process, and approve invoices under the grant agreements. During this process, Commission staff will work with grantees to ensure work programs and budgets are sufficiently detailed and contain the necessary benchmarks to meet the goals of the grant program.

GENERAL GRANT AGREEMENT REQUIREMENTS

1. All grantees shall work with Commission staff to finalize the work program, including progress benchmarks and budget for Executive Director review and approval that reflects the amount of the grant award and final products that will be produced as a result of the grant funding. Grantees shall include a schedule and benchmarks that show the plan for completing the certification process. The final work program, schedule, and budget shall be part of the grant agreement.
2. Grantees seeking subcontractors (e.g., consultants) to perform grant-related tasks and services shall select all subcontractors pursuant to a bidding and procurement process that complies with all applicable laws.
3. All grant agreements shall require progress reports at least every 3 months, and all shall be subject to Executive Director review and approval. Each grant agreement shall include the standards Commission staff will use to assess whether work progress reflected in such reports is adequate and procedures to address any grantee that is not meeting the final approved work program and benchmarks.
4. Grant funds will not be available in advance of expenditures. Expenses will be paid in arrears no more than once per month upon submission of an approved invoice by the grantee. That is, all funds will be provided on a reimbursement basis, and payments will be made to local governments only after work tasks are completed.
5. If a grantee fails to properly execute the grant agreement or fails to meet the performance criteria and benchmarks in the grant agreement, the Executive Director or his designee may cancel the grant agreement and re-allocate any unspent funds to one or more of the other approved grantees.

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6. Complete reimbursement of grant funds will be dependent upon successful completion of the final deliverable of the grant agreement. Up to 20% of the grant award may not be reimbursable until all final deliverables have been completed by the grantee.
7. Should a jurisdiction not need the full amount of funds awarded by the Coastal Commission, they shall notify Commission staff as soon as possible so that any remaining allocated but unspent funds may be redistributed, as feasible. In addition, should a local government fail to enter into a grant agreement in a timely manner or fail to meet work program benchmarks as noted above, the Executive Director or his designee may reallocate funds to supplement an already awarded grant.
8. Travel Reimbursement shall be at the same rates as similarly situated State employees. If any conflicts exist between the Contractor's rates and those applicable to State employees, the State's reimbursement rates shall prevail. Receipts will be required. All travel costs are inclusive within the budgeted amount referenced in the grant agreement.
9. Upon completion of major tasks under the grant work program and in accordance with the reporting requirements of the California Climate Investments program⁷, grantees will be required to complete and submit to the Commission relevant reports, including, but not limited to: Co-Benefit Assessment Methodologies for the purpose of estimating economic, environmental, and public health benefits of the project; Greenhouse Gas Emissions Reduction Assessments for the purpose of qualitatively estimating reductions to greenhouse gas emissions attributed to the project; and Priority Population Evaluation Criteria for the purpose of identifying direct, meaningful, and assured benefits that the project provides to disadvantaged and low-income communities.

⁷ https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/2018-funding-guidelines.pdf?_ga=2.236759105.1960471695.1539276356-1177465010.1539276356

ATTACHMENT A. PRIORITIES AND EVALUATION CRITERIA ADOPTED BY THE COASTAL COMMISSION ON JUNE 6, 2018

Priorities

- ◆ Planning and/or implementation of strategies to address the effects of climate change, such as reducing greenhouse gas emissions, adapting to sea level rise or increased fire risks, or other climate resilience activities;
- ◆ Planning work and/or focused outreach efforts to address environmental justice concerns, particularly related to climate resilience, and to ensure protection of coastal resources and provision of public coastal access and lower-cost recreation for everyone, regardless of race, ethnicity, socio-economic status, or place of residence; or,
- ◆ Completion of land use plan and/or zoning work to achieve certification of a new Local Coastal Program (or an Area of Deferred Certification) or planning and/or zoning work to significantly update certified LCPs (or LCP segments) in whole or in part to reflect changed conditions, new information and scientific knowledge, new programs and policies, or other significant changed circumstances.

Evaluation Criteria

- ◆ **Public Benefit/Significance:** The Commission will consider the extent to which the proposed LCP planning effort will address issues of statewide significance and maximize public benefits of the coast. These can include: reducing greenhouse gases and addressing the impacts of climate change and sea level rise; preserving and enhancing coastal habitat; protecting, providing and enhancing public access; protecting priority land uses such as agriculture, coastal dependent development, or recreation; protecting and providing lower cost visitor and recreational opportunities.

LCPs are the means to implement the policies of Chapter 3 of the Coastal Act at the local level and when submitted are reviewed by the Commission for conformance with the Coastal Act. As LCPs have become more dated, their ability to provide an up to date framework to govern coastal development in light of changed circumstances and new scientific information may be weakened. The Commission will consider the extent to which priority Coastal Act resources are addressed and the public benefits maximized.

Additionally, in 2016, the Legislature passed AB 2616 giving the Coastal Commission explicit authority to consider environmental justice, defined in California Government Code Section 65040.12(e) as: “The fair treatment of people of all races, cultures, and incomes with respect to the development, adoption, implementation and enforcement of environmental laws, regulations, and policies.” Residents of poorer communities or communities of color can often bear a disproportionate burden of pollution or other environmental harms, while suffering from a lack of environmental services, such as clean drinking water, clean air, and access to parks and open space. Addressing these types of disparities is critical for ensuring that Coastal Act goals of protecting coastal resources for all are fulfilled, particularly as climate change results in evolving risks, and the

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Coastal Commission will consider the extent to which environmental justice issues are addressed when evaluating grant proposals.

- ◆ **Addressing the Effects of Climate Change:** Climate change is one of the most significant policy areas to emerge since many of the LCPs have been certified. The Commission is seeking LCP updates that address the effects of climate change, including land use, transportation, and habitat restoration and conservation policies that facilitate reductions in greenhouse gases and vehicle miles travelled, as well as the planning and implementation of strategies to adapt to sea level rise and other issue areas affected by climate change, such as changes in habitat and fire hazards. Special consideration will be given to LCP amendment proposals that include coastal resilience planning.
- ◆ **Relative Need for LCP/Extent of Update:** Related to the public benefits of a proposal, the Commission will consider the relative need for an LCP update, considering the length of time since an LCP or LCP segment has been updated and the significance of the issues proposed to be updated. For example, many jurisdictions have identified needs to reduce vehicle miles travelled, improve public transit, and enhance pedestrian and bicycle options, particularly to and along the coast. Others may seek to assess vulnerability and develop adaptation solutions to address sea level rise, fire, or other climate change impacts to critical infrastructure, recreational amenities and open space, or significant wetland and habitat 10 areas. A proposal to complete technical studies, economic analyses, mapping, public outreach, and development of LCP policies in support of these options may be important.
- ◆ **Likelihood of Success/Effectiveness:** The Commission has had past grant programs where the investment of public funds has not resulted in completed certified LCPs or LCP Amendments. In a few cases, funding has been awarded but reverted. Overall, the success of the Commission's grant program will be measured by the progress made toward LCP certification, update, or amendment.

The Commission thus will consider the likelihood of success of each proposal, including evaluating the practicality, feasibility, and effectiveness of a proposed work program that may lead to successful implementation. Proposals should address the need for coordination with the public and the Commission, and provide for practicable benchmarks for LCP amendment development and review.

Other evidence in support of this criteria may include resolutions of intent and endorsement for the proposed work from the jurisdiction and other organizations, matching funds or other complementary efforts (see below), or other factors that may affect the likelihood that an LCP amendment will be successfully completed. Applicants will be asked to describe any LCP planning work that has been initiated or is already underway at the local level and how this grant program is needed to substantially further that effort. A resolution from the applicant committing to completing an LCP Amendment submittal to the Commission will be required as part of the application.

For new LCP development, the local government should demonstrate its willingness and capacity to assume local coastal development permit processing. Related, some areas of the coastal zone remain uncertified because the Commission and local government have been unable to reach agreement on the resolution of issues or the issue is particularly intractable. The Commission will consider the likelihood that such areas and specific policy questions can be successfully addressed, leading to certification of the area.

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- ◆ **Project Integration/Leverage/Matching Funds:** The Commission will consider the relationship of the LCP work program to other planning work being undertaken by the jurisdiction. There are several statewide grant programs underway which may positively integrate with this LCP Planning Grant program. Applicants will be asked to describe any other related grant awards (such as through past Coastal Commission grant rounds, or from the Ocean Protection Council, Coastal Conservancy, Caltrans, or the Strategic Growth Council) that may support the LCP planning work. The Commission will consider the ability to integrate and leverage any additional program funds available that could help support LCP certification, update, or amendment.

Projects recommended for funding are subject to Coastal Commission approval. Project funding will not be available until after approval of the grant award by the Commission at a noticed public meeting, and upon the execution of a grant agreement between the Commission and the grantee. The earliest possible Commission meeting at which awards will be considered is November 2018.