

EXHIBIT A**SCOPE OF WORK**

1. Grantee agrees to expend grant funds provided by the Commission only for and in accordance with project activities as described under the Scope of Work attached hereto as EXHIBIT A.
2. The Project representatives during the term of this agreement, and the person authorized to sign grant amendments and RFFs on behalf of the grantee, will be:

State Agency: California Coastal Commission	Grantee: City of Santa Barbara
Name: Kelsey Ducklow ("Grant Manager")	Name: Alelia Parenteau, Acting Sustainability and Resilience Director
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3. Primary project contact:

State Agency: California Coastal Commission	Grantee: City of Santa Barbara
Section/Unit: Statewide Planning Unit	Section/Unit: Sustainability and Resilience Department
Name: Karen Vu (Grant Coordinator)	Name: Melissa Hetrick, Acting Energy and Climate Manager
Address: 455 Market St. Suite 300 San Francisco, CA 94105	Address: 616 Laguna Street Santa Barbara, CA 93101
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SCOPE OF WORK

City of Santa Barbara

Waterfront Adaptation Planning

Federal Tax ID#: 95-6000-787

Budget Summary:

CCC funding:	\$1,240,000
<u>Other funding:</u>	<u>\$190,000</u>
Total project cost:	\$1,430,000

Term of Project: June 1, 2022 (or grant agreement execution date) – July 1, 2025

A. PROJECT DESCRIPTION

This project includes shoreline master planning for the City’s low-lying public Waterfront and Harbor area south of Cabrillo Boulevard and related major technical studies needed to relocate and/or floodproof critical public and utility infrastructure located along the Waterfront. The project includes several of the near-term actions identified in the City of Santa Barbara Sea-Level Rise Adaptation Plan (adopted in 2019) as “highest priority to initiate in the next few years” for the Waterfront and Harbor area:

1. A Wastewater and Water Systems Vulnerability and Adaptation Options Report to identify alternatives for relocating and flood proofing major sewer mains and water lines currently located under the beach and mid- and long-term options for the City’s wastewater and recycled water treatment plant (El Estero Water Resource Center); and
2. A 30-Year Waterfront Adaptation Plan that will be a shoreline masterplan for the public Waterfront and Harbor area. The plan will include: 1) an analysis of nature-based and hybrid options for adaptation along the Waterfront to retain as much beach as possible while maintaining recreation uses; 2) a feasibility study and conceptual design for raising or modifying the existing Harbor Breakwater, groins, and walkway to maintain coastal dependent boating uses at the Harbor; and 3) an analysis of detailed triggers or thresholds for future adaptation actions at the Waterfront. The plan will also incorporate the chosen infrastructure relocation and flood proofing alternatives from the Wastewater and Water Systems Vulnerability and Adaptation Options Report. The final 30-Year Waterfront Adaptation Plan will be

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incorporated into the City's 2019 Coastal Land Use Plan with a Local Coastal Program (LCP) Amendment following a bilingual public outreach and comment process.

B. TASKS

Task 1: Wastewater and Water Systems Vulnerability and Adaptation Options Report

One of the most vulnerable facilities identified in the Sea-Level Rise Adaptation Plan is an existing sewer trunk main and manholes located south of Cabrillo Boulevard under the beach that carries sewage from a large portion of town to the El Estero Water Resources Center to be treated. The existing pipeline and manholes are vulnerable to flooding during major storms and will be at risk from storm surge and erosion due to sea-level rise, which could result in extended shutdowns of the El Estero Resource Center and sanitary sewer overflows. While the trunk main will be impacted with even 0.8' of sea level rise, by 6.6' of sea-level rise the El Estero Water Resource Center located south of Highway 101 will also be affected by tidal inundation and flooding.

This task will be a comprehensive study of adaptation options for threatened portions of the wastewater and water systems, including relocation and redesign of portions of the systems, adaptation options for El Estero Water Resource Center (including partial relocation), and possible service point improvements. The analysis will study the feasibility and alternatives for relocating and flood proofing the existing sewer trunk main and other co-located infrastructure such as water mains and natural gas pipelines. A detailed evaluation of alternatives, feasibility, and order of magnitude cost estimates for all options to address impacted water and wastewater infrastructure south of Cabrillo Boulevard will be provided. Additionally, the report will consider triggers for decision making on future adaptation options for the systems.

This task involves funds for a consultant to prepare the analysis and report and City staff to manage the project. The draft report will be reviewed by the Sustainability Council Committee, Water Commission, and CCC staff.

Subtasks:

- 1.1** Contracting, project kickoff, and data request
- 1.2** Development of Administrative Draft Wastewater and Water Systems Vulnerability and Adaptation Options Report and 4-week CCC review
- 1.3** Public website release and review of Public Draft Report by Sustainability Council Committee and Water Commission
- 1.4** Revisions and issuance of Final Report

Deliverables: Administrative Draft, Public Draft, and Final Wastewater and Water System Vulnerability and Adaptation Options Report

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Task 2: Harbor Breakwater Feasibility Study and Conceptual Plan and 30-Year Waterfront Adaptation Plan

The City's Waterfront is located south of Cabrillo Boulevard and spans from Leadbetter Beach to East Beach. The Waterfront is entirely publicly owned and includes important recreational, marina, and infrastructural assets, including an 1,100 slip marina, the Santa Barbara Harbor, and Stearns Wharf, which are all currently at risk during major storm events and which will experience increasing frequency and severity of flooding and erosion with sea-level rise. The first part of this task will analyze the feasibility of various adaptation options for the harbor breakwater, rock groin, sandspit, and walkway. The findings will be incorporated into a Harbor Breakwater Feasibility Study and Conceptual Plan Report. This second part of this task will culminate with the development of a 30-Year Waterfront Adaptation Plan that will strive to continue coastal dependent, recreational, and beach access in this area, while preparing the Waterfront for increased hazards and moving critical infrastructure out of hazard prone areas to the extent feasible. The 30-year period considered in this plan will be the first phase of adaptation for the Waterfront and Harbor, with subsequent phases requiring significant changes that will require additional study. Adaptation strategies identified for the 30-year waterfront adaptation plan will be in the context of long-term vulnerabilities and planning needs contained in the Sea-Level Rise Adaptation Plan.

Specifically, the 30-Year Waterfront Adaptation Plan will:

1. Analyze specific 30-year adaptation options and establish amounts of sea-level rise that should be designed for at the Harbor, Harbor Commercial area, parking areas, Stearns Wharf, Cabrillo Pavilion, restrooms, bike path, and other assets along the Waterfront in this timeframe;
2. Incorporate the findings from the Harbor Breakwater Feasibility Study and Conceptual Plan, which aims to assess the feasibility and cost and benefits of options to raise or modify the existing Harbor breakwater, rock groin, sandspit, walkway, and wall spanning from the breakwater to the Harbor commercial area to retain coastal dependent boating uses;
3. Assess the feasibility of various nature-based adaptation strategies such as beach berm construction, dune creation, and sediment management to address 30-year vulnerabilities along the Waterfront;
4. Assess options for utilizing Harbor dredging sediment and other sand supplies;
5. Incorporate findings from the Wastewater and Water Systems Vulnerability and Adaptation Options Report described under Task 1, including adaptation options for

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- the sewer trunk main and collocated gas pipelines, water lines, and major utilities located along the Waterfront ; and
6. Establish specific triggers or thresholds for additional adaptation actions and planning along the Waterfront and Harbor to prepare for mid- and long-term sea-level rise vulnerabilities.

This task involves funds for a consultant to prepare the analysis, plan, and bilingual outreach materials and to participate in public outreach events. The task also includes funds for City staff to manage the project and conduct public outreach. There will be a public comment period on the draft plan. Public outreach will include at least one bilingual public workshop as well as targeted meetings with stakeholders and community groups, including those that serve low- income and minority populations. The plan will also be reviewed at public meetings of the Sustainability Council Committee, Harbor Commission, Parks and Recreation Commission, and Water Commission. CCC staff will review the draft plan for comments. Outreach efforts will utilize the City's SLR website that will be upgraded with bilingual content concerning the plan.

Subtasks:

- 2.1 Contracting, project kickoff, and data request
- 2.2 Feasibility analysis of options to modify the Harbor breakwater and groins, preparation of Harbor Breakwater Feasibility Study and Conceptual Plan, and 4-week CCC staff review of draft conceptual plan
- 2.3 Analysis of impacts to Waterfront assets and adaptation options including potential for additional sediment management, beach berm construction, and dune creation
- 2.4 Development of Administrative Draft 30-Year Waterfront Adaptation Plan with 4-week CCC staff review prior to public release
- 2.5 Public website release of Public Draft Adaptation Plan, public workshop, other public outreach, and review by CCC staff, Sustainability Council Committee, Water Commission, Harbor Commission, and Parks Commission
- 2.6 Revisions and issuance of Final Adaptation Plan
- 2.7 City Council review of Final Adaptation Plan

Deliverables: Harbor Breakwater Feasibility Study and Conceptual Plan; Administrative Draft, Public Draft, and Final 30-Year Waterfront Adaptation Plan

Task 3: Local Coastal Program Amendment

This task includes preparation of a draft LCP Amendment to incorporate the 30-Year Waterfront Adaptation Plan and associated studies into the 2019 Coastal Land Use Plan,

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which is part of the City's fully certified LCP. CCC staff will be consulted prior to and following release of the draft LCP Amendment.

Subtasks:

- 3.1** Development of Administrative Draft LCP Amendment with CCC consultation and 4-week CCC staff review
- 3.2** Public website release of Public Draft LCP Amendment, public workshop, other public outreach, and review by CCC staff, Sustainability Council Committee, Water Commission, Harbor Commission, and Parks Commission.
- 3.3** Revisions and release of Final LCP Amendment
- 3.4** City Council review of Final LCP Amendment
- 3.5** Submittal of LCP Amendment to CCC for review

Deliverables: Administrative Draft, Public Draft, and Final Local Coastal Program Amendment

Task 4: Grant Administration

This task will be ongoing throughout the grant term and cover City staff time for administration of consultant contracts and the CCC grant. This includes development of request for proposals and contracts for consultants, administration of grant administrative records, invoicing, and submittal of fund requests and progress reports.

Deliverables: Executed consultant contracts, invoice packages, and quarterly progress reports

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C. SCHEDULE

Project start/end dates: 6/1/22 (or grant agreement execution date) – 7/1/25

Task 1. Wastewater and Water Systems Vulnerability and Adaptation Options Report	6/1/22 – 2/1/24
1.1 Contracting, project kickoff, and data request	6/1/22 – 11/1/22
1.2 Development of Administrative Draft Wastewater and Water Systems Vulnerability and Adaptation Options Report and 4-week CCC staff review	11/1/22 – 9/1/23
1.3 Public website release and review of Public Draft Report by Sustainability Council Committee and Water Commission	10/1/23 – 12/1/23
1.4 Revisions and issuance of Final Report	12/1/23 – 2/1/24
Deliverables: a. Administrative Draft Wastewater and Water Systems Vulnerability and Adaptation Options Reports b. Public Draft Wastewater and Water Systems Vulnerability and Adaptation Options Reports c. Final Wastewater and Water Systems Vulnerability and Adaptation Options Report	8/1/23 10/1/23 2/1/24
Task 2. Harbor Breakwater Feasibility Study and Conceptual Plan and 30-Year Waterfront Adaptation Plan	6/1/22 – 7/1/25
2.1 Contracting, project kickoff, and data request	6/1/22 – 11/1/22
2.2 Feasibility analysis of options to modify the Harbor breakwater and groins, preparation of Harbor Breakwater Feasibility Study and Conceptual Plan, and 4-week CCC staff review of draft conceptual plan	11/1/22 – 12/1/23
2.3 Analysis of impacts to Waterfront assets and adaptation options including potential for additional sediment management, beach berm construction, and dune creation	11/1/22 – 9/1/23
2.4 Development of Administrative Draft 30-Year Waterfront Adaptation Plan and 4-week CCC staff review	11/1/22 – 10/1/24
2.5 Public website release of Public Draft Adaptation Plan, public workshop, other public outreach, and review by CCC staff, Sustainability Council Committee, Water Commission, Harbor Commission, and Parks Commission	11/1/24 – 2/1/25
2.6 Revisions and issuance of Final Adaptation Plan	2/1/25 – 4/1/25
2.7 City Council review of Final Adaptation Plan	4/1/25 – 7/1/25
Deliverables: a. Harbor Breakwater Feasibility Study and Conceptual Plan b. Administrative Draft 30-Year Waterfront Adaptation Plan c. Public Draft 30-Year Waterfront Adaptation Plan	11/1/23 9/1/24 11/1/24

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d. Final 30-Year Waterfront Adaptation Plan	7/1/25
Task 3. Local Coastal Program Amendment	2/1/24 – 7/1/25
3.1 Development of Administrative Draft LCP Amendment with CCC consultation and 4-week CCC staff review.	2/1/24 – 10/1/24
3.2 Public website release of Draft LCP Amendment, public workshop, other public outreach, and review by CCC staff, Sustainability Council Committee, Water Commission, Harbor Commission, and Parks Commission	11/1/24 – 2/1/25
3.3 Revisions and release of Final LCP Amendment	2/1/25 – 4/1/25
3.4 City Council review of Final LCP Amendment	4/1/25 – 7/1/25
3.5 Submittal of LCP Amendment to CCC for review	7/1/25
Outcome/Deliverables	
a. Administrative Draft LCP Amendment	9/1/24
b. Public Draft LCP Amendment	11/1/24
c. Final LCP Amendment	7/1/25
Task 4. Grant Administration	6/1/22 – 7/1/25
Outcome/Deliverables	
a. Executed consultant contracts, invoice packages, and quarterly progress reports	Ongoing

D. BENCHMARK SCHEDULE

ACTIVITY	COMPLETION DATE
Harbor Breakwater Feasibility Study and Conceptual Plan	11/1/23
Administrative Draft Wastewater and Water Systems Vulnerability and Adaptation Options Report	8/1/23
Public Draft Wastewater and Water Systems Vulnerability and Adaptation Options Report	10/1/23
Final Wastewater and Water Systems Vulnerability and Adaptation Options Report	2/1/24
Administrative Draft 30-Year Waterfront Adaptation Plan	9/1/24
Public Draft 30-Year Waterfront Adaptation Plan	11/1/24
Final 30-Year Waterfront Adaptation Plan	7/1/25
Final LCP Amendment	7/1/25

EXHIBIT A1

DEFINITIONS

1. The term “Agreement”; this Grant Agreement.
2. The term “Budget Act”; the annual enacted version of the Budget Bill which makes appropriations for the support of the government of the State of California.
3. The term “Chief Deputy Director”; the Chief Deputy Director of the Commission.
4. The terms “Commission” or “Coastal Commission” and the acronym “CCC” all refer to the California Coastal Commission.
5. The term “Executive Director”; the Executive Director of the Commission.
6. The term “Grant” or “Grant Funds”; in the case of LCP grants, the money provided by the California Climate Investments program or, in the case of Public Education grants, sales and renewals of the WHALE TAIL[®] Specialty License Plate, or California’s Voluntary Tax Check-Off Program, and administered by the Coastal Commission to the Grantee pursuant to this Agreement.
7. The term “Grant Manager”; the representative of the Commission with authorization per the Executive Director to administer and provide oversight of the Grant.
8. The term "Grantee"; an applicant who has a signed agreement for Grant Funds.
9. The term "Project"; the activity described under the Scope of Work, attached as EXHIBIT A, to be accomplished with Grant Funds.
10. The term “Project Budget”; the Commission approved cost estimate submitted to the Commission’s Grant Manager for the Project. The Project Budget shall describe all labor and material costs of completing each component of the Project. The Project Budget shall contain itemized amounts permissible for each item or task described in the Scope of Work. The Project Budget must include the set administrative and indirect costs agreed upon by the Parties if applicable.
11. The term “Public Agency”; any State of California department or agency, a county, city, public district or public agency formed under California law.
12. The term “Scope of Work” refers to EXHIBIT A, including the approved Project Description, Tasks, and Schedules.
13. The term “Termination Date”; the date by which all activity for the project must be concluded, as specified in the signature page of this Agreement. Work performed after this date cannot be reimbursed.

EXHIBIT B

BUDGET

<i>City of Santa Barbara</i>	<i>CCC Grant Total</i>	<i>Match/Other Funds</i>	<i>Total (LCP Grant Funds + Match/Other Funds)</i>
LABOR COSTS¹			
County/City Staff Labor			
Task 1 – <i>Wastewater and Water Systems Vulnerability and Adaptation Options Report</i>	\$100,000	\$50,000	\$150,000
Task 2 – <i>30-Year Waterfront Adaptation Plan</i>	\$130,000	\$60,000	\$190,000
Task 3 – <i>Local Coastal Program Amendment</i>	\$20,000	\$20,000	\$40,000
Task 4 – <i>Grant Management</i>	\$20,000	\$0	\$20,000
Total Labor Costs	\$270,000	\$130,000	\$400,000
DIRECT COSTS			
County/City Staff Project Supplies			
Printing and Noticing	\$5,000	\$0	\$5,000
Total	\$5,000	\$0	\$5,000
County/City Staff Travel in State²			
Mileage	\$0	\$0	\$0
Hotel, etc.	\$0	\$0	\$0
Total	\$0	\$0	\$0
Consultants³/Partners			
Task 1 – <i>Wastewater and Water Systems Vulnerability and Adaptation Options Report</i>	\$500,000	\$0	\$500,000
Task 2 – <i>30-Year Waterfront Adaptation Plan</i>	\$465,000	\$0	\$465,000
Task 3 – <i>Local Coastal Program Amendment</i>	\$0	\$0	\$0
Task 4 – <i>Grant Management</i>	\$0	\$0	\$0
Consultants Total	\$965,000	\$0	\$965,000

¹ Amount requested should include total for salary and benefits.

² Travel reimbursement rates are the same as similarly situated state employees.

³ All consultants must be selected pursuant to a bidding and procurement process that complies with all applicable laws.

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<i>City of Santa Barbara</i>	<i>CCC Grant Total</i>	<i>Match/Other Funds</i>	<i>Total (LCP Grant Funds + Match/Other Funds)</i>
Total Direct Costs	\$970,000	\$0	\$970,000
OVERHEAD/INDIRECT COSTS⁴			
Total County/City Staff Overhead/Indirect Costs	\$0	\$60,000	\$60,000
TOTAL PROJECT COST	\$1,240,000	\$190,000	\$1,430,000

⁴ Indirect costs include, for example, a pro rata share of rent, utilities, and salaries for certain positions indirectly supporting the proposed project but not directly staffing it. Amount requested for indirect costs should be capped at 10% of amount requested for "Total Labor."