



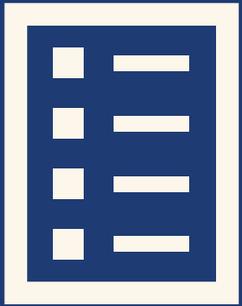
Town of Tiburon

2025 Sea Level Rise Vulnerability Assessment and Shoreline Adaptation Plan

Agenda



Introductions to Town staff



Review RFP



Q&A

Upcoming Dates

August 27
Consultant
Questions Due

September 3
Responses
Posted

September 9
Proposals Due

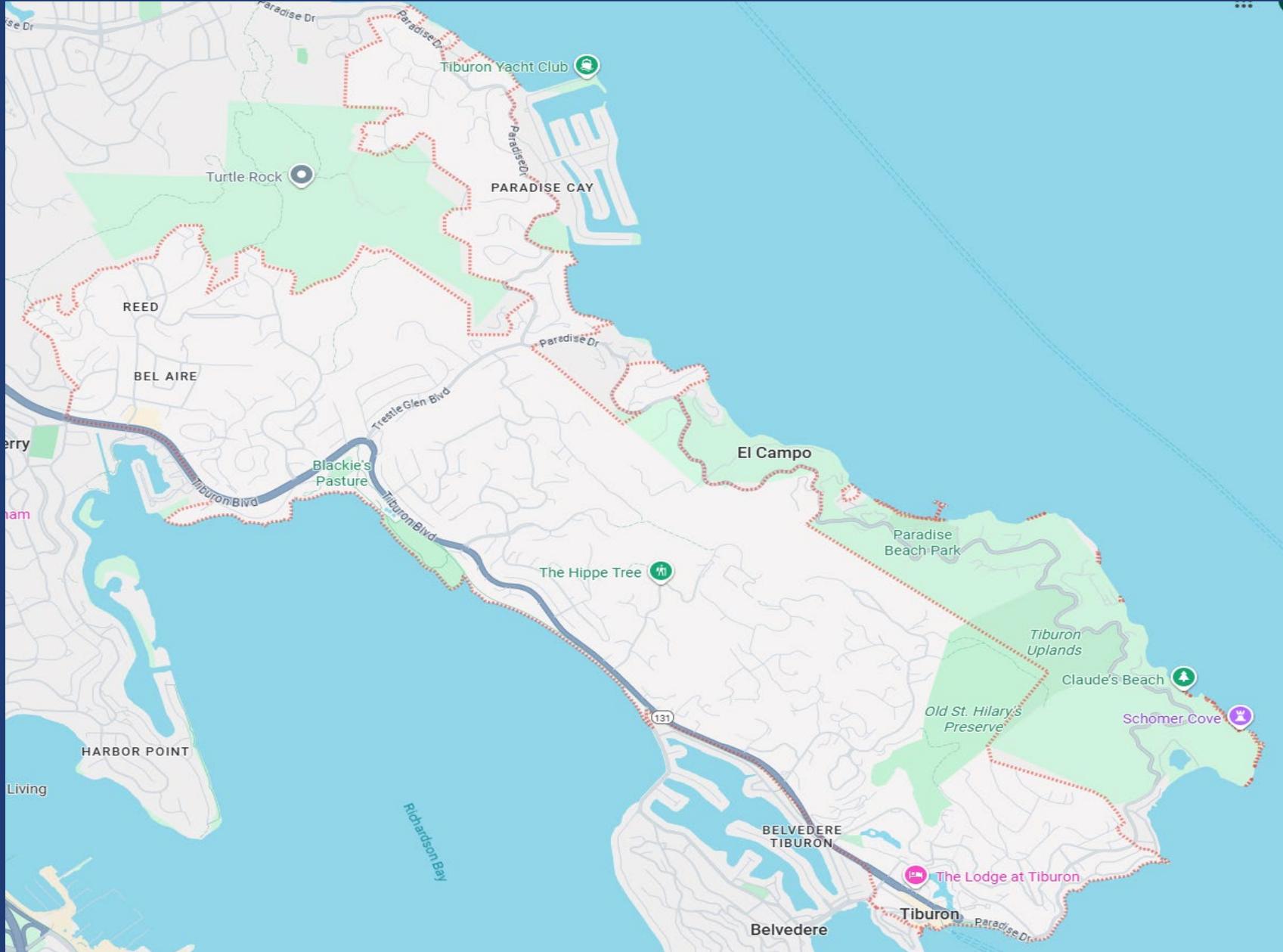
**September
17, 18, & 19**
Consultant
Interviews

October 1
Contract
Awarded

October 8
Expected
Project Start
Date

dates subject to potential change

Town of Tiburon



Focus Areas

Map 71. Tiburon Vulnerable Buildings

Vulnerable Assets

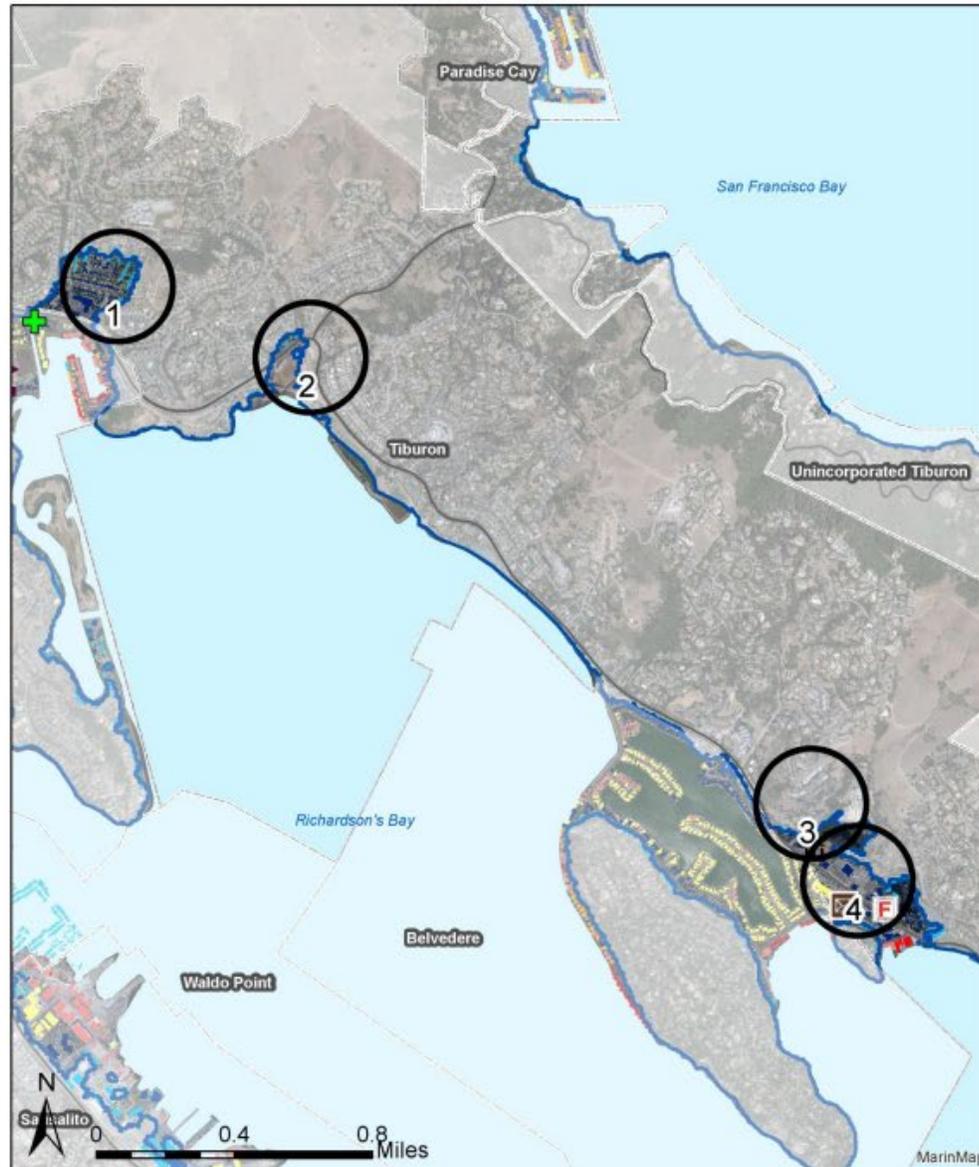
-  Post Office
-  City Hall
-  Emergency Shelter
-  Fire Station

Vulnerable Buildings

-  Scen. 1: 10" Sea Level Rise (SLR)
-  Scen. 2: 10" SLR+Storm Surge
-  Scen. 3: 20" Sea Level Rise
-  Scen. 4: 20"SLR+Storm Surge
-  Scen. 5: 60" Sea Level Rise
-  Scen. 6: 60"SLR+Storm Surge

Location Indicators

-  Unincorporated
-  Municipality
-  Road
-  Bay
-  Inland Extent: Sea Level @ 60"+100-year Storm



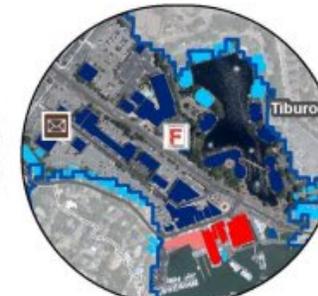
1: The Cove



2: Blackie's Pasture



3: Entry to Downtown



4: Downtown

Scope Overview

TASK 1

**Project
Management**

RSAP Element A

TASK 2

**Coastal
Flooding and
Prior Analysis
Review**

RSAP Element B

TASK 3

**Town of Tiburon
Coastal Flooding
and Vulnerability
Assessment**

**RSAP Element B
& C**

TASK 4

**Town of Tiburon
Adaptation Plan**

**RSAP Element
D, E, & F**

TASK 5

**10% Design of
Selected
Adaptation
Strategies**

RSAP Element G

Task 1: Project Management

RSAP Element A

- **Development of a comprehensive Project Management Plan and Community Engagement Plan – RSAP Element A**
 - **Allocate a total of 50 hours of community engagement throughout project**
- **Define planning area with detailed map and describe multijurisdictional planning process**
- **Key partners: City of Belvedere, Marin County, Transportation Authority of Marin (TAM), Southern Marin Fire District, and others**
- **Ongoing check-ins with OPC and BCDC for compliance and feedback**
- **Framework for equitable engagement:**
 - **Surveys, town halls, identification of vulnerable communities**
 - **Tailored opportunities for input and feedback**
- **Budget is estimated to be around 15% of total**

Task 1 Deliverables

- **Project Management Plan**
 - Expected completion Q4 2025
- **Community Engagement Plan**
 - Expected completion Q4 2025
- **Quarterly reporting and check in meetings**
 - Ongoing throughout project

Task 2: Coastal Flooding and Prior Analysis Review

RSAP Element B

- **16% of Tiburon properties already impacted by high tide flooding**
- **Projected SLR: 0.8 – 1.3ft (2050), 3.1 – 6.5ft (2100)**
- **Identify key existing data sources and studies**
 - **TAM SLR Study, 2016 BayWAVE Study, CoSMos, ART Program, SFEI groundwater projections**
- **Conduct interviews with regional SLR leaders**
- **GIS based analysis of asset exposure:**
 - **Timing, inundation, depth, and duration (current and future)**
- **Key Tiburon assets: downtown, Blackie's Pasture, the Cove, etc**
- **Budget is estimated to be around 8% of total**

Task 2 Deliverables

- **Preparation of a notice of intent to prepare a subregional plan**
 - Expected completion Q1 2026
- **Draft existing conditions and vulnerability assessment memorandum**
 - Expected completion Q1/Q2 2026

Task 3: Town of Tiburon Coastal Flooding and Vulnerability Assessment

RSAP Element B and C

- **Building upon Task 2**
- **Map exposure of people, assets, ecosystems, and services under:**
 - **8.1ft SLR (Med-High, 2150), 11.7ft SLR (High, 2150), and 100yr coastal flood risk**
- **Align with updated California Sea Level Rise Guidance**
- **Assess near term temporary flooding impacts and long term intensification**
- **Create up to 3 interactive 3D models to illustrate future risks**
- **Define Local Priority Areas (LPAs) and Strategic Regional Priority Areas (SRPAs)**
- **Incorporate community engagement:**
 - **Surveys/workshops on flooding, shoreline access, underserved groups, etc**
- **Budget is estimated to be around 30% of total**

Task 3 Deliverables

- **Town of Tiburon Coastal Flooding Vulnerability Assessment**
 - Expected completion Q3/Q4 2026
- **Develop up to three 3D models or simulations of projected flooding**
 - Expected completion Q3/Q4 2026

Task 4: Town of Tiburon Adaptation Plan

RSAP Element D, E, and F

- **Review prior studies and identify additional adaptation strategies**
- **Develop evaluation criteria per RSAP community priorities to identify most viable strategies**
- **Assess long term impacts and create adaptation pathways with triggers/thresholds**
- **Identify key indicators of shoreline change and flood risk for monitoring**
- **Community engagement:**
 - **Co-creation of solutions and consensus building**
 - **Workshops, pop-ups, interactive online tools, etc**
- **Outcome should be a roadmap for sustainable shoreline adaptation with monitoring and financing strategy**
- **Budget is estimated to be around 30% of total**

Task 4 Deliverables

- **Draft Tiburon Shoreline Adaptation Plan**
 - Expected completion Q1/Q2 2027
- **Finance and Monitoring Strategy**
 - Expected completion Q1/Q2 2027

Task 5: 10% Design of Selected Adaptation Strategies

RSAP Element G

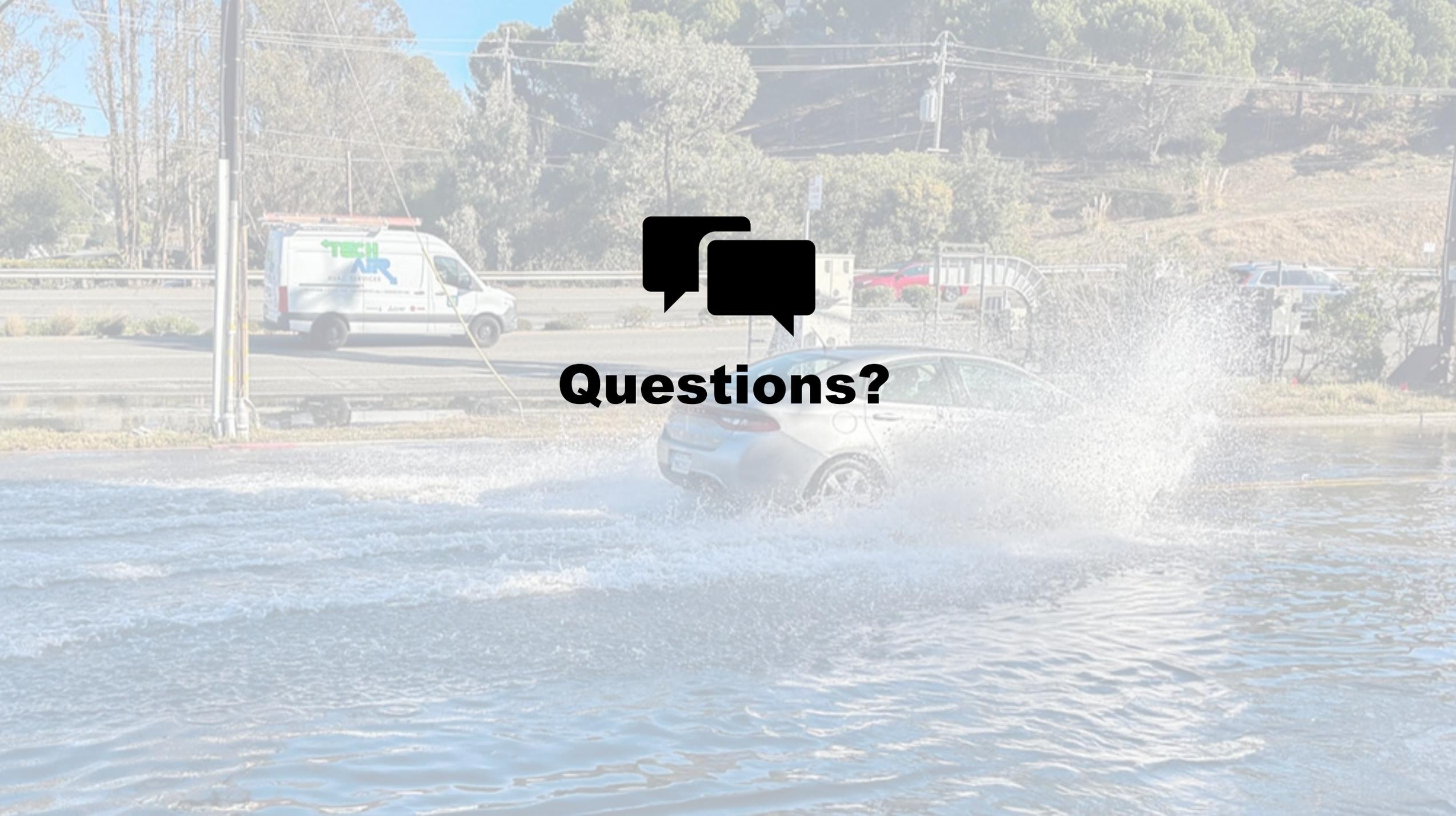
- **Select adaptation strategies (ideally between 1-3, flexible based on input) with staff, community members, and stakeholders**
- **Advance chosen strategies to 10% design**
- **Prepare memo summarizing selection process and selected designs**
- **Consolidate all project deliverables into a complete Subregional Shoreline Adaptation Plan**
- **Document and material preparation for Town Council review and final adoption**
- **Budget is estimated to be around 17% of the total**

Task 5 Deliverables

- **Draft 10% designs of selected adaptation solutions**
 - Expected completion Q2/Q3 2027
- **Memo outlining selected adaptation solutions for future implementation**
 - Expected completion Q4 2027
- **Final Town of Tiburon Single Jurisdiction SF Bay Subregional Shoreline Adaptation Plan (RSAP)**
 - Expected completion Q3/Q4 2027
- **Consolidation of all community outreach materials**
 - Expected completion Q4 2027
- **Preparation of materials for Town Council review and adoption of RSAP**
 - Expected completion Q4 2027

Scoring Criteria

CRITERIA	PERCENTAGE
Project Understanding and Approach <ul style="list-style-type: none">• Familiarity with RSAP Guidelines• Demonstrated application of data modeling to develop vulnerability and adaptation plans	25%
Experience <ul style="list-style-type: none">• Depth of knowledge and experience with SLR modeling and coastal hazards• Understanding of vulnerabilities in context of SF Bay	25%
Staffing and Consultant Team <ul style="list-style-type: none">• Years of experience working on SLR vulnerability and adaptation planning• Familiarity in working with BCDC and other relevant regional/state agency staff• Demonstrated experience working in SF Bay	25%
Community Involvement and Communications <ul style="list-style-type: none">• Experience conducting effective public outreach and communications• Proposed strategies for engagement	25%
TOTAL	100%



Questions?