

**AMENDMENT TO AGREEMENT
BETWEEN THE COUNTY OF SAN MATEO AND
SAN MATEO RESOURCE CONSERVATION DISTRICT**

THIS AMENDMENT TO THE AGREEMENT, entered into this 12th day of November 2019, by and between the COUNTY OF SAN MATEO, hereinafter called "County," and San Mateo Resource Conservation District, hereinafter called "Contractor";

W I T N E S S E T H:

WHEREAS, pursuant to Government Code, Section 31000, County may contract with independent contractors for the furnishing of such services to or for County or any Department thereof;

WHEREAS, the parties entered into an Agreement for water quality improvement and natural resource protection services on the 1st day of July 2017;

WHEREAS, the parties amended the Agreement to include services for the Butano Channel Restoration and Resilience Project on the 8th day of August 2017;

WHEREAS, the parties amended the Agreement to include services for various waste reduction and stakeholder engagement programs and activities on the 25th day of September 2018;

WHEREAS, the parties amended the Agreement to rectify a clerical error in the total not-to-exceed amount and the numbering of the exhibits on 12th day of February 2019;

WHEREAS, the parties amended the Agreement to add wildland fire risk reduction services on the 26th day of March 2019;

WHEREAS, the parties amended the Agreement to revise the scopes of services for waste reduction and stakeholder engagement programs and activities on 20th day of May 2019;

WHEREAS, the parties amended the Agreement to revise the scope of services for pet waste outreach on the 25th day of June 2019; and

WHEREAS, the parties wish to amend the Agreement to add new scope of services and provide resources under Exhibit 12 for the Pescadero Marsh Habitat Restoration and Resilience Plan Project to: (a) complete topographic work in the north marsh and in the beach-lagoon interface near the Hwy 1 Bridge to improve the existing topographic dataset for those locations and the Digital Elevation Model for the model: (b) develop the existing conditions model; and (c) integrate the hydrodynamic coastal model into the Climate Ready SMC effort, including the South Coast sea level rise project and the future precipitation and inland flooding models, increasing the amount by \$50,000 for a new not to exceed amount of \$1,016,386.

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES HERETO AS FOLLOWS:

1. A new Exhibit 12 is added to the Agreement:

Exhibit 12A

In consideration of the payments set forth in Exhibit 12B, San Mateo Resource Conservation District shall provide the following services:

The tasks below will support the Pescadero Marsh Habitat Restoration and Resilience Plan Project, complete additional topographic work and existing conditions model and develop integrated hydrodynamic coastal models.

Task 1: Project Administration and Management

- Contractor will provide program oversight, planning, and project management including communicating with partners and stakeholders, oversight of subcontractor, execution of contracts, and invoicing on a quarterly schedule. RCD will integrate the data from Task 2 into the County's South Coast Sea Level Rise Vulnerability Assessment and into Climate Ready SMC.
- The Contractor will hire a subcontractor with input from the County to accomplish the key project goals. The County will be part of the project team, to identify, select, and onboard the subcontractor. Once the subcontractor is selected, the final scope of work must be approved by the County before work begins.
- The Contractor will outreach with the County Office of Sustainability, RCD, State Parks, and the Pescadero Roundtable to determine a subset of appropriate climate change analyses as future scenarios to model, that will help forecast expected changes to the marsh and lagoon over time with sea level rise and changes to sediment transport and runoff, etc.

Task 2: Existing Conditions Model Development and Scenario Modeling

- The Subcontractor will develop an existing conditions model with an updated coastal dynamics model/hydro-dynamic model platform that cost-effectively integrates hydrology and hydraulic inputs from existing models of Butano Creek and Pescadero Creek. Subcontractor shall integrate work funded by the USFWS Service's Coastal Program to develop both unimpaired annual hydrographs for Butano and Pescadero as well as the completed Quantitative Conceptual Model for breaching and water balance dynamics.
- The Subcontractor shall analyze and collect topographic, hydrologic, or water quality data to support model development.

- The Subcontractor shall develop downscaled climate models relevant to site level and planning and conceptual models for a subset of key biotic resources to assess how the distribution of these species is likely to change based on short-term (2-10 year) management perturbations and longer-term (10-50 year) changes resulting from climate change.
- The Contractor shall submit a final report to the Office of Sustainability no later than September 2021.

Activity	Timeline
Outreach to the Pescadero Roundtable/OOS/State Parks	October 2019 -August 2021
Select technical team subcontractor to develop the existing conditions, hydrodynamic, and climate change model	January 2020
Submit draft subcontractor Scope of Work to County for approval	January 2020
Develop existing conditions model for marsh	January 2020 - October 2020
Analyze and collect additional topographic data to support model development	January 2020 - September 2020
Develop downscaled, local climate change model and conceptual models for biotic resources	September 2020 - March 2021
Final report	September 2021

2. In consideration of the services provided by Contractor described in Exhibit 12A and subject to the terms of the Agreement, County shall pay Contractor based on the following fee schedule and terms outlined in the Project Budget below. For Task 2, details of subcontract and subtasks will be determined between County and Contractor. Contractor will not begin work on Task 2 until the subcontractor Scope of Work is approved by the County.

Exhibit 12B

Project Budget

Task	Amount
Task 1: Project Administration & Management (RCD Staff). Rates of staff involved in the project are below: Executive Director -\$167/hr. Project manager-\$68/hr. Admin Officer - \$92/hr. Senior Technical Director - \$198/hr.	\$ 7,500
Task 2: Model Development and Scenarios (Subcontractor)	\$ 42,500

TOTAL

\$ 50,000.00

3. All other terms and conditions of the agreement between the County and Contractor shall remain in full force and effect.

In witness of and in agreement with this Agreement's terms, the parties, by their duly authorized representatives, affix their respective signatures:

For Contractor: SAN MATEO RESOURCE CONSERVATION DISTRICT.



Contractor Signature

10/28/2019

Date

Kellyx Nelson

Contractor Name (please print)

COUNTY OF SAN MATEO

By:
President, Board of Supervisors, San Mateo County

Date:

ATTEST:

By:
Clerk of Said Board