## Scope of Work and Budget by Task

Proposed by: San Francisco State University Estuary & Ocean Science Center: Collaboratively Restoring Eelgrass in Richardson Bay to Improve Water Quality and Climate Resilience, in partnership with the Richardson Bay Regional Agency (RBRA) Period of Performance: March 14, 2024 - June 30, 2027

## Introduction

The goal of this scope of work is to support the Richardson Bay Regional Agency's (RBRA) project *Collaboratively Restoring Eelgrass in Richardson Bay to Improve Water Quality and Climate Resilience* ("the Project"), funded by the US Environmental Protection Agency's (EPA) San Francisco Bay Water Quality Improvement Fund (SFBWQIF). The Project is an innovative public-private partnership to restore at least fifteen acres of eelgrass over four years, provide training for early career conservationists from disadvantaged communities, and develop shareable, scalable best-practices for eelgrass restoration in areas of anchor scour.

RBRA has invited San Francisco State University's Estuary & Ocean Science (EOS) Center to join Audubon CA, Merkel & Associates, and Coastal Policy Solutions on the project team. The EOS Center proposes to support the project by contributing to the planning and implementation of the restoration over four spring/summer periods; providing scientific expertise to develop and carry out experiments imbedded in the restoration implementation; monitoring and interpretation of the restoration and experimental outcomes; and working with a diverse group of students and early career scientists on the restoration and research.

## Scope of Work by Task

As requested by RBRA, through their project management consultant Coastal Policy Solutions, we have developed the following scope of work and detailed budget. We propose to accomplish these tasks by June 30, 2027:

- Task 1: Restoration implementation with imbedded experiments
- Task 2: Monitoring and interpretation
- Task 3: Project management and reporting

## Task 1: Restoration implementation with imbedded experiments

Project funds will support a project director, two research technicians, and two graduate students to organize logistics of eelgrass collection and planting, operate boats, plant eelgrass, and establish experiments within the restoration implementation, via wading, snorkeling, and SCUBA. Funds will also support field supplies, local fieldwork travel, boat and truck use fees, and flowthrough baywater tank/table use fees (needed for rigging up the transplant units and holding plants before transplanting). We will create opportunities for SF State undergraduates to participate in the project through separate, related funding, and will work with the early-career fellows at Audubon Restoration on restoration ecology training.

## **Outcome/Deliverable:**

Steady progress toward 15 minimum acres of eelgrass restoration over four spring/summer periods, with experimental components that aid in understanding of best practices.

# Task 1 Budget – Direct Costs

Description	% time or hours	Rate	Budget Proposal
Salary	up to 5%	Up to \$92/hour	
P1 Project director, Katharyn Boyer	33.37	\$84.1384 6	\$2,808
P2 Project director, Katharyn Boyer	32.40	\$86.6626	\$2,808
P3 Project director, Katharyn Boyer	31.46	\$89.2625	\$2,808
P4 Project director, Katharyn Boyer	30.54	\$91.9404	\$2,808
Benefits		66.71%	\$7,492
Salary Subtotal Total	127.77		\$18,724
Salary	up to 25%	Up to \$41/hour	
P1 Research technician, Margot Buchbinder	164.89	\$36.5702	\$6,030
P2 Research technician, Margot Buchbinder	157.04	\$38.3987	\$6,030
P3 Research technician, Margot Buchbinder	152.46	\$39.5507	\$6,030
P4 Research technician, Margot Buchbinder	148.02	\$40.7372	\$6,030
Benefits		77.13%	\$18,604
Total	622.41		\$42,724
Salary	up to 20%	Up to \$33/hour	
P1 Research technician, TBD	220.32	\$29.3250	\$6,461
P2 Research technician, TBD	209.83	\$30.7913	\$6,461
P3 Research technician, TBD	203.72	\$31.7150	\$6,461
P4 Research technician, TBD	197.79	\$32.6664	\$6,461
Benefits		84.47%	\$21,830
Total	831.66		\$47,674
Salary	up to 40%	Up to \$27/hour	
P1 Graduate students (2), TBD	384.59	\$24.7197	\$9,507
P1 Graduate students (2), TBD	373.39	\$25.4613	\$9,507
P1 Graduate students (2), TBD	362.51	\$26.2251	\$9,507
P1 Graduate students (2), TBD	351.96	\$27.0119	\$9,507
Benefits		2.60%	\$988
Total	1472.4 5		\$39,016
Total Salaries & Benefits			\$148,138
Travel for local field work			
Mileage, 4 cars x 40 mi x 9 days x 4 seasons		\$0.67	\$3,859

Supplies and materials		
Field supplies (1000/season x 4) including SCUBA and snorkeling supplies, PVC, hand tools, bamboo stakes, clipboards, temperature sensors		\$4,000
Boat and truck use fees		
2 boats x 6 days x 4 seasons	400	\$19,200
2 trucks x 9 days x 4 seasons	80	\$5,760
Baywater tank/table use fees		
[(29 tanks/tables x \$25/day internal rate x 10 days) + (baywater tech at 2.5 hours/day x \$120/hr x 10 days)] x 4 seasons.		\$41,000
GRAND TOTAL		\$221,957

## Task 2: Monitoring and interpretation

In the second through fourth seasons (in spring/summer 2025, 2026, 2027), we will conduct on-the-ground monitoring of the eelgrass restoration to support the sonar and aerial surveys conducted by the project team. We will document and interpret the results of the experimentation imbedded into the restoration implementation.

## **Outcome/Deliverable:**

We will contribute summary text, graphs/tables, and statistical analysis (as needed) to the monitoring reports developed in collaboration with Merkel & Associates.

## Task 2 Budget

Description	Hours	Rate	Budget Proposal
Salary	up to 5%	Up to \$92/hour	
P1 Project director, Katharyn Boyer	33.37	\$84.1385	\$2,808
P2 Project director, Katharyn Boyer	32.40	\$86.6626	\$2,808
P3 Project director, Katharyn Boyer	31.46	\$89.2625	\$2,808
P4 Project director, Katharyn Boyer	30.54	\$91.9404	\$2,808
Benefits		66.71%	\$7,492
Salary Subtotal Total	127.77		\$18,724
Salary	up to 25%	Up to \$41/hour	
P1 Research technician, Margot Buchbinder	164.89	\$36.5702	\$6,030
P2 Research technician, Margot Buchbinder	157.04	\$38.3987	\$6,030
P3 Research technician, Margot Buchbinder	152.46	\$39.5507	\$6,030
P4 Research technician, Margot Buchbinder	148.02	\$40.7372	\$6,030
Benefits		77.13%	\$18,604
Salary Subtotal Total	622.41		\$42,724

Salary	up to 25%	Up to \$41/hour	
P1 Research technician, TBD	220.29	\$29.3250	\$6,460
P2 Research technician, TBD	209.80	\$30.7913	\$6,460
P3 Research technician, TBD	203.69	\$31.7150	\$6,460
P4 Research technician, TBD	197.76	\$32.6664	\$6,460
Benefits		84.47%	\$21,827
Salary Subtotal Total	831.54		\$47,667
Salary	up to 40%	Up to \$27/hour	
P1 Graduate students (2), TBD	384.59	\$24.7197	\$9,507
P1 Graduate students (2), TBD	373.39	\$25.4613	\$9,507
P1 Graduate students (2), TBD	362.51	\$26.2251	\$9,507
P1 Graduate students (2), TBD	351.96	\$27.0119	\$9,507
Benefits		2.60%	\$989
Salary Subtotal Total	1472.45		\$39,017
Total Salaries & Benefits			\$148,132
Travel for local field work			
Mileage, 4 cars x 40 mi x 6 days x 3 seasons (spr./summ. 2025-2027)		\$0.67	\$1,930
Supplies and materials			
Lab supplies (\$1500 Y1& 3 , \$1,710 Y2)years), includes chemicals for analyses and sample fixation, containers and bags for sample storage, microscope supplies, computer software and peripherals			\$4,710
Boat and truck use fees		400	<b>#0.000</b>
2 boats x 4 days x 3 seasons		400	\$9,600
2 trucks x 8 days x 3 seasons		80	\$3,840
GRAND TOTAL			\$168,212

## Task 3: Project Management and Support

Project director Katharyn Boyer will provide overall project management, which will include overseeing the field and lab activities, scheduling staff, and submitting invoices and reports. She will participate in quarterly meetings with all project partners, monthly check ins with Coastal Policy Solutions, and will be available to attend RBRA Board of Director meetings or other incidental meetings as requested by Coastal Policy Solutions.

## Outcome/Deliverable:

1. Quarterly reports due within fifteen calendar days after the end of each Federal fiscal quarter (January 15, April 15, July 15, and October 15). The reports will include: a description of the activities conducted during the previous quarters, problems encountered and their resolution, activities planned for the next quarter, and photographs of project activities suitable for public-facing materials.

2. Invoices by task and budget category, to be submitted quarterly. Invoices will include a description of costs incurred (e.g., hours per staff person, hard costs, etc.), total costs to date, and budget remaining.

Description	Hours	Rate	Budget Proposal
Salary	up to 5%	Up to \$92/hour	
P1 Project director, Katharyn Boyer	33.37	\$84.1385	\$2,808
P2 Project director, Katharyn Boyer	32.40	\$86.6626	\$2,808
P3 Project director, Katharyn Boyer	31.46	\$89.2625	\$2,808
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Benefits		66.71%	\$7,492
Salary Subtotal Total	127.77		\$18,724
Salary	up to 25%	Up to \$41/hour	
P1 Research technician, Margot Buchbinder	164.89	\$36.5702	\$6,030
P2 Research technician, Margot Buchbinder	157.04	\$38.3987	\$6,030
P3 Research technician, Margot Buchbinder	152.44	\$39.5507	\$6,029
P4 Research technician, Margot Buchbinder	148.00	\$40.7372	\$6,029
Benefits		77.13%	\$18,602
Salary Subtotal Total	622.36		\$42,720
GRAND TOTAL			\$61,444

# Task 3: Budget

# Total Budget Request:

The total budget request includes salary and operating costs for the tasks described in the scope of work. Fringe costs are included and applied to salary costs.

Description	Budget Proposal
Salaries + Fringe	
Task 1: Restoration implementation with imbedded experiments	\$148,138
Task 2: Monitoring and interpretation	\$148,132
Task 3: Project management and reporting	\$61,444
Salary + Fringe Subtotal	\$357,714
Travel	
Task 1: Local field work travel	\$3,859
Task 2: Local field work travel	\$1,930
Travel Subtotal	\$5,789
Supplies and materials	
Task 1: Field supplies	\$4,000
Task 2: Lab supplies	\$4,710
Supplies and materials subtotal	\$8,710
Other costs	
Task 1: Baywater table/tank use fees	\$41,000
Task 1: Boat and truck use fees	\$24,960
Task 2: Boat and truck use fees	\$13,440
Other costs subtotal	\$79,400
Total Direct Costs	\$451,613
Indirect Costs (55%)	\$248,387
GRAND TOTAL	\$700,000

# Total Budget for Tasks 1 - 3 Period of Performance: March 14, 2024-June 30, 2027

**EXHIBIT B** 

### COLLEGES AND UNIVERSITIES RATE AGREEMENT

EIN:

ORGANIZATION: San Francisco State University and The Foundation, Inc. 1600 Holloway Avenue Admin. Building, Rm. 350 San Francisco, CA 94132 DATE:01/22/2021 FILING REF.: The preceding

agreement was dated 03/16/2016

The rates approved in this agreement are for use on grants, contracts and other agreements with the Federal Government, subject to the conditions in Section III.

SECTION I	: Facilities	And Admini	strative Cost Rates	
RATE TYPES:	FIXED	FINAL	PROV. (PROVISIONAL) PRED.	(PREDETERMINED)
	EFFECTIVE P	ERIOD		
TYPE	FROM	<u>TO</u>	RATE(%) LOCATION	APPLICABLE TO
PRED.	07/01/2020	06/30/2025	55.00 On-Campus	Organized Research
PRED.	07/01/2020	06/30/2025	26.00 Off-Campus	Organized Research
PRED.	07/01/2020	06/30/2025	50.00 On-Campus	Instruction
PRED.	07/01/2020	06/30/2025	26.00 Off-Campus	Instruction
PRED.	07/01/2020	06/30/2025	42.50 On-Campus	Other Sponsored Activities
PRED.	07/01/2020	06/30/2025	26.00 Off-Campus	Other Sponsored Activities
PROV.	07/01/2025	Until Amended	(1)	

### \*BASE

ORGANIZATION: San Francisco State University and The Foundation, Inc.

AGREEMENT DATE: 1/22/2021

Modified total direct costs, consisting of all salaries and wages, fringe benefits, materials, supplies, services, travel and subgrants and subcontracts up to the first \$25,000 of each subgrant or subcontract (regardless of the period covered by the subgrant or subcontract). Modified total direct costs shall exclude equipment, capital expenditures, charges for patient care, student tuition remission, rental costs of off-site facilities, scholarships, and fellowships as well as the portion of each subgrant and subcontract in excess of \$25,000.

(1) Use same rates and conditions as those cited for fiscal year ending June 30, 2025.

ORGANIZATION: San Francisco State University and The Foundation, Inc.

AGREEMENT DATE: 1/22/2021

### SECTION II: SPECIAL REMARKS

### TREATMENT OF FRINGE BENEFITS:

The fringe benefits are specifically identified to each employee and are charged individually as direct costs. The directly claimed fringe benefits are listed below.

## TREATMENT OF PAID ABSENCES

Vacation, holiday, sick leave pay and other paid absences are included in salaries and wages and are claimed on grants, contracts and other agreements as part of the normal cost for salaries and wages. Separate claims are not made for the cost of these paid absences.

OFF-CAMPUS DEFINITION: For all activities performed in facilities not owned by the institution and to which rent is directly allocated to the project(s), the off-campus rate will apply. Actual costs will be apportioned between on-campus and off-campus components. Each portion will bear the appropriate rate.

### DEFINITION OF EQUIPMENT

Equipment is defined as tangible nonexpendable personal property (including information technology systems) having a useful life of more than one year and an acquisition cost of \$5,000 or more per unit.

The following fringe benefits are treated as direct costs: FICA, WORKERS COMPENSATION, HEALTH/LIFE INSURANCE, STATE UNEMPLOYMENT INSURANCE, STATE DISABILITY INSURANCE, AND RETIREMENT.

NEXT PROPOSAL DUE DATE A proposal based on actual costs for fiscal year ending 06/30/24, will be due no later than 12/31/24.

ORGANIZATION: San Francisco State University and The Foundation, Inc.

AGREEMENT DATE: 1/22/2021

### SECTION III: GENERAL

#### A. LIMITATIONS:

The rates in this Agreement are subject to any statutory or administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the organization were included in its facilities and administrative cost pools as finally accepted: such costs are legal obligations of the organization and are allowable under the governing cost principles; (2) The same costs that have been treated as facilities and administrative costs are not claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the organization which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.

#### B. ACCOUNTING CHANGES:

This Agreement is based on the accounting system purported by the organization to be in effect during the Agreement period. Changes to the method of accounting for costs which affect the amount of reimbursement resulting from the use of this Agreement require prior approval of the authorized representative of the cognizant agency. Such changes include, but are not limited to, changes in the charging of a particular type of cost from facilities and administrative to direct. Failure to obtain approval may result in cost disallowances.

#### C. FIXED RATES:

If a fixed rate is in this Agreement, it is based on an estimate of the costs for the period covered by the rate. When the actual costs for this period are determined, an adjustment will be made to a rate of a future year(s) to compensate for the difference between the costs used to establish the fixed rate and actual costs.

#### D. USE BY OTHER FEDERAL AGENCIES:

The rates in this Agreement were approved in accordance with the authority in Title 2 of the Code of Federal Regulations, Part 200 (2 CFR 200), and should be applied to grants, contracts and other agreements covered by 2 CFR 200, subject to any limitations in A above. The organization may provide copies of the Agreement to other Federal Agencies to give them early notification of the Agreement.

#### E. OTHER:

If any Federal contract, grant or other agreement is reimbursing facilities and administrative costs by a means other than the approved rate(s) in this Agreement, the organization should (1) credit such costs to the affected programs, and (2) apply the approved rate(s) to the appropriate base to identify the proper amount of facilities and administrative costs allocable to these programs.

BY THE INSTITUTION:

San Francisco State University and The Foundation, Inc.

-DocuSigned by: (IN: Jeff Wilson

55B8D68471AA4B5... (SIGNATURE)

Jeff Wilson

(NAME)

#### Interim VP & CFO

(TITLE)

02/03/2021 | 7:25 PM PST

(DATE)

ON BEHALF OF THE FEDERAL GOVERNMENT:

DEPARTMENT OF HEALTH AND HUMAN SERVICES

(AGENCY)

(SIGNATURE)

#### Arif Karim

(NAME)

Director, Cost Allocation Services

(TITLE)
---------

1/22/2021

(DATE) 5887

HHS REPRESENTATIVE:

Jeanette Lu

Telephone:

(415) 437-7820

CERTIFICATE OF COVERAGE		DATE (MM/DD/YYYY) 3/1/2024
Alliant Insurance Services, Inc. 560 Mission Street, 6th Floor San Francisco CA 94105	THIS CERTIFICATE IS ISSUED AS A MATTER OF EVIDENCE ONLY UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NEGATIVELY AMEND, EXTEND OR ALTER THE COVERA MEMORANDUM(S) OF COVERAGE BELOW.	NOT AFFIRMATIVELY OR
	THIS CERTIFICATE OF COVERAGE DOES NOT CONSTITUTE A ISSUING COVERAGE PROVIDER, AUTHORIZED REPRESENTATIVE CERTIFICATE HOLDER.	
	IMPORTANT: IF THE CERTIFICATE HOLDER IS AN ADDITION. MEMORANDUM OF COVERAGE MUST BE ENDORSED. A STATEM DOES NOT CONFER RIGHTS TO THE CERTIFICATE HOLD	IENT ON THIS CERTIFICATE
NAMED COVERED PARTY	ENDORSEMENT(S). IMPORTANT: IF SUBROGATION IS WAIVED, SUBJECT TO THE TERM	IS AND CONDITIONS OF THE
San Francisco State University 1600 Holloway Avenue	MEMORANDUM(S) OF COVERAGE AN ENDORSEMENT MAY BE RE THE CERTIFICATE DOES NOT CONFER RIGHTS TO THE CERTIFICAT ENDORSEMENT(S).	QUIRED. A STATEMENT ON
Administration Building, Room 252 San Francisco CA 94132	PROGRAM AFFORDING COVERAGE	
	A: CSURMA	
	В:	
	C:	

#### COVERAGES

THIS IS TO CERTIFY THAT THE COVERAGE IS AFFORDED TO THE ABOVE NAMED MEMBER, AS PROVIDED BY THE MEMORANDUM(S) OF COVERAGE, FOR THE PERIOD SHOWN BELOW, NOT WITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE COVERAGE AFFORDED BY THE PROGRAM DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS, AND CONDITIONS OF SUCH MEMORANDUM(S) OF COVERAGE. THE FOLLOWING COVERAGE IS IN EFFECT. COVERAGE EFFECTIVE DATE (MM/DD/YY) COVERAGE EXPIRATION DATE (MM/DD/YY) JPA TYPE OF COVERAGE MEMORANDUM NUMBER LIMITS LTR А GENERAL LIABILITY CSURMA-LIAB-2324 7/1/2023 7/1/2024 EACH OCCURRENCE \$2,000,000 COMMERCIAL GENERAL LIABILITY FIRE DAMAGE (Any one fire) \$ 2,000,000 CLAIMS MADE X OCCUR MED EXPENSE (Any one person) \$ Excluded PERSONAL & ADV INJURY \$ 2,000,000 Х Contractual Liab GENERAL AGGREGATE \$ 4,000,000 Х SIR \$750,000 PRODUCTS-COMP/OP AGG GEN'L AGGREGATE LIMIT APPLIES PER: \$4,000,000 MEMOR-PROJECT LOC Sexual Abuse \$2,000,000 AUTOMOBILE LIABILITY \$ COMBINED SINGLE LIMIT (Ea accident) ANY AUTO \$ ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS WC STATUTORY LIMITS CSURMA-WC-2324 7/1/2023 7/1/2024 А Х OTHER WORKERS' COMPENSATION AND EMPLOYERS LIABILITY ANY PROPRIETOR/PARTNER/ E.L. EACH ACCIDENT \$ 1,000,000 EXECUTIVE/OFFICER/MEMBER EXCLUDED? E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 IF YES, DESCRIBED UNDER SPECIAL **PROVISION BELOW** E.L. DISEASE - POLICY LIMIT \$ 1,000,000 OTHER OTHER

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL/PROVISIONS

Note: Workers' Compensation Coverage is provided as evidence only.

Richardson Bay Regional Agency is named as additional covered party as respects the Professional Services Contract for Collaboratively Restoring Eelgrass in Richardson Bay to Improve Water Quality and Climate Resilience Project. Term of Agreement: March 14, 2024 - June 30, 2027.

CERTIFICATE HOLDER	CANCELLATION
Richardson Bay Regional Agency Attn: Executive Director 3501 Civic Center Drive, Room 308	SHOULD ANY OF THE ABOVE DESCRIBED MEMORANDUM(S) OF COVERAGE BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE MEMORANDUM(S) OF COVERAGE PROVISIONS.
	AUTHORIZED REPRESENTATIVE Duil I Howele



Endorsement No.:	Per Blanket Additional Covered Party attached to Memorandum of Coverage of Coverage listed below
Effective:	07/01/2023
Forms a part of MOC No.:	CSURMA-LIAB-2324
Issued to:	Per Attached Certificate of Coverage
Issued by:	California State University Risk Management Authority (CSURMA)
Issued on behalf of Member:	CSURMA Member On File With Company

# This Endorsement Changes The Memorandum of Coverage. Please Read It Carefully.

# ADDITIONAL COVERED PARTY

Section VI. DEFINITIONS - The definition of Additional Covered Party is amended to include as a covered party the person or organization shown as the entity "Issued To" above, but only with respect to bodily injury and property damage liability arising out of the "Described Lease or Activity" above for that covered party by or for you.

The coverage provided does not apply to any **occurrence** taking place:

- Prior to the commencement of the Members' operations or occupation of the premises; or 1.
- 2. After the Members' operations have been completed or occupation of the premises has ceased.

The limits of coverage will be limited to the limits required within the terms of the written contract or the limits of liability of this Memorandum, whichever is less, and will apply in excess of the Members' retained limit shown in the Declarations. CSURMA will not be obligated for limits of coverage shown in the written contract that are greater than the limits of liability of this Memorandum.

Any other coverage carried by a certificate holder which may be applicable shall be deemed excess and the Member's coverage primary, and would not seek contribution from any other insurance available to the Additional Covered Party for the sole negligence of Member, notwithstanding any conflicting provisions in the Member's memorandum of coverage.

All other terms and conditions in the memorandum of coverage remain unchanged. CSURMA0001 (07/23)

Signed: David T. Howell

Date: 7/1/2023

A Public Entity Joint Powers Authority

c/o Alliant Insurance Services, Inc. • 560 Mission Street, 6th Floor, San Francisco, CA 94105 • Phone: 415-403-1400 Fax: 415-402-0773