

Executive Summary
San Francisco Estuary Institute Component
Integrated Regional Wetlands Monitoring Pilot Project

The San Francisco Estuary Institute (SFEI) will be providing technical services for two components of the CALFED Integrated Regional Wetlands Monitoring (IRWM) Pilot Project: Data Management (100%) and Science Support (100%). These components are summarized below. These activities are components of the larger IRWM effort, which is described first below.

The Integrated Regional Wetland Monitoring Pilot Project

The IRWM Pilot Project seeks to accomplish two goals on behalf of CALFED: (1) to evaluate the underlying management question, *how are ecosystem restoration efforts throughout the region affecting ecosystem processes at different scales*; and (2) through application of adaptive monitoring strategy concepts, prepare for subsequent longer-term monitoring. To achieve these two goals, several institutions have joined efforts to collect and analyze a variety of field-based ecological data in restored and natural wetland sites in San Pablo Bay, Suisun Bay, and the Sacramento-San Joaquin River Delta. Table 1 shows the institutions that will have contractual obligations to CALFED via San Francisco State University and the topic areas of each institution. The scopes of work prepared by each fiscal institution respond to a critical information need identified through the CALFED Ecosystem Restoration Program’s proposal solicitation process. For full details of the work plans, see the respective scopes of work from each institution.

Table 1. Fiscal Institutions and IRWM Topic Areas. This matrix identifies the topic areas addressed by the scope of work from each fiscal institution.

Topic Area	Fiscal Institution				
	PRBO	WWR	SFSU	SFEI	UCB
Physical Processes		X			
Landscape Ecology	X	X			X
Birds	X				
Plants			X		
Data Management				X	
Science Support				X	
Lead Principal Investigator		X			

Data Management. SFEI will manage the field data and develop a project web site over an approximately two-year period commencing after contract completion. Data management activities include development of a database for field data, hosting, backup, and maintenance of that database, providing remote database editing, and developing a project website. Table 2 presents the breakdown of each task, its deliverables, and costs. Complete details for the Data Management project can be found in the attached scope of work “*Data Management Services for the Integrated Regional Wetland Monitoring Pilot Project.*”

Science Support. SFEI staff will provide science support for this project, which will include a number of activities as specified by the principle investigators. Table 3 presents the breakdown of each task, its deliverables, and costs. Complete details for the Science Support project can be found in the attached scope of work “*Scope of Work and Budget For Integrating External Data and Reporting on Related Projects.*”

Table 2. Tasks, Deliverables, and Costs for Data Management.

Task	Deliverable	Cost
A1. Initial Database Design	Database structure diagram	\$7469
A2. Database Implementation	Database on SFEI server	\$13865
A3. Data Maintenance	Up-to-date database at SFEI	\$35152
A4. Write SOP	SOP document	\$1021
B1 Project website	Website hosted at SFEI	\$31231
C1 System Review I	Document of proposed changes	\$5620
C2 System Review II	Document of proposed changes	\$5041
	TOTAL	\$99399

Table 3. Tasks, Deliverables, and Costs for Science Support.

Task	Deliverable	Cost
1A: Define and Review Task-orders	SFEI task orders as defined by PIs	\$25,798
1B: Compile Requested Information	Completed tasks as defined by PIs	\$31,610
2A: Develop Project Lists	Draft and Final Project Lists	\$1,872
2B: Develop Project Descriptions	Draft and Final Project Descriptions	\$4,659
	TOTAL	\$63,939