

DELTA STEWARDSHIP COUNCIL
STATUS REPORT OF ACTIVE CONTRACT AGREEMENTS
1st Quarter – January 2022 through March 2022
April 2022 Council Meeting

EXECUTIVE CONTRACTS

Project Title	Contractor	Start Date	End Date	*	Contract Total (Rounded)
CalHR Training Services	Dept. of Human Resources	11/1/2020	6/30/2023	3	\$51,700
Communication Strategy & Outreach Services	AIM Consulting, Inc.	8/11/2020	5/31/2022		\$108,322
Court Reporting Services	California Reporting LLC	7/8/2021	7/30/2023		\$49,999
Court Reporting Services	Kathryn Swank, CSR	8/28/2020	6/30/2022		\$9,750
Ergonomic Evaluations	Rehabilitation & Occupational Consultants	8/15/2019	6/30/2022		\$9,800
HR Services	Dept. of Forestry and Fire Protection	7/1/2021	6/30/2022		\$189,000
Invoice Expedite Services	State Controller's Office	7/1/2021	7/30/2024		\$4500
IT-Shared Services	Dept. of Technology	2/1/2020	1/31/2023		\$485,221.38
IT Shared Services	Dept. of Water Resources	6/30/2021	6/30/2022		\$450,000
Leave Balance Tracking	State Controller's Office	11/6/2019	6/30/2022		\$1,500
Legal Research Database	Thomson Reuters	7/1/2021	6/30/2022		\$8,856

***FOOTNOTES:**

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Moving Services	Wind Dancer Moving Company	1/1/2020	12/31/2022		\$14,000
On-site Document Destruction Services	Confidential Document Control LLC	10/1/2020	9/30/2022		\$1,170
Staff Development and Training	Beth Wonson & Company	3/16/2021	6/30/2022		\$9,900
Training Services	CPS HR Consulting	10/1/2020	6/30/2022		\$5,000
Webcasting	AGP Video, Inc.	10/1/2021	9/30/2022		\$186,300

SCIENCE CONTRACTS

Project Title	Contractor	Start Date	End Date	*	Contract Total (Rounded)
2022 State of Bay-Delta Science Lead Author: Chapter 1	San Francisco State University	5/14/2021	12/31/2022		\$26,619
2022 State of Bay-Delta Science Co-Author: Chapter 1	SFEI/Aquatic Science Center	8/1/2021	6/30/2022		\$8,882
2022 State of Bay-Delta Science Lead Author: Chapter 4A	The Regents of the University of California, Berkeley	7/1/2021	12/31/2022		\$11,327
2022 State of Bay-Delta Science Lead Author: Chapter 5	UC Santa Cruz	7/1/2021	12/31/2022		\$37,150
2022 State of Bay Delta Science Lead Author: Chapter 6	USGS	4/1/2021	12/31/2022		\$35,985
Academic Coordinator II (Social Scientist Extension Specialist)	UC San Diego	3/18/2020	4/30/2023		\$430,994

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Bay-Delta Enterprise Implementation	SFEI/Aquatic Science Center	6/1/2017	4/30/2022		\$1,472,717
Climate Change Project Work Team Leadership	USGS	5/1/2020	4/30/2023		\$278,490
CMSI Joint Symposia	UC Davis	10/15/2021	6/30/2024		\$225,420
Delta Science Fellows Program 2020 and State Policy Fellows 2020/2021	UC San Diego	7/1/2019	4/30/2022		\$2,046,222
Delta Science Fellows Program 2022 and State Policy Fellows 2022/2023	UC San Diego	11/22/2021	10/31/2024		\$ 2,069,146
Delta Science Program Proposal Solicitation Review Services	UC San Diego	11/3/2020	6/30/2024		\$433,648
Delta Science Tracker	ESSA Technologies, Ltd.	5/12/2020	4/30/2022		\$449,803
Independent Science Board Support and Technical Expertise Services	UC San Diego	9/1/2021	6/30/2024		\$814,570
Independent Science Board Member	Stephen Brandt	10/14/2021	1/14/2024		\$187,275
Independent Science Board Member	Virginia Dale	10/14/2021	8/31/2025		\$261,624
Independent Science Board Member	Joe Fernando	10/14/2021	10/14/2022		\$80,480
Independent Science Board Member	Tanya Heikkila	10/14/2021	8/31/2025		\$261,624
Independent Science Board Member	Thomas Holzer	10/14/2021	1/2/2023		\$89,960
Independent Science Board Member	Jay Lund	10/14/2021	10/31/2022		\$86,060
Independent Science Board Member	Diane McKnight	10/14/2021	8/31/2025		\$261,624
Independent Science Board Member	Robert Naiman	10/14/2021	8/31/2025		\$261,624

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Independent Science Board Member	Lisa Wainger	10/14/2021	8/31/2025		\$297,933
Open-Source Resources for the Sacramento-San Joaquin Delta Telemetry Research Community	Cramer Fish Sciences	5/4/2022	6/30/2024	1	\$222,839
Operation Baseline 2.0	Virginia Institute of Marine Science	5/15/2020	4/30/2023	2	\$155,520
Operation Baseline 2.0	USGS	6/29/2020	4/30/2022		\$943,645
Operation Baseline 2.0	BSA Environmental Services	6/9/2020	4/30/2022	2	\$200,000
Otolith juvenile salmonid research	UC Davis	6/24/2020	5/31/2022		\$372,910
PSN 18/19 - An Evaluation of Sublethal and Latent Pyrethroid Toxicity Across Salinity Gradient Two Delta Fish Species	Oregon State University	6/30/2019	3/31/2022		\$494,663
PSN 18/19 - An Improved Genomics Tool Characterizing Life History Diversity Promoting Resilience CV Chinook Salmon	Michigan State University	6/30/2019	2/28/2022		\$632,909
PSN 18/19 - Assessing Sediment Nutrient Storage and Release in the Delta	USGS	6/30/2019	2/1/2022		\$744,391

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Project Title	Contractor	Start Date	End Date	*	Contract Total (Rounded)
PSN 18/19 - Assessing Sediment Nutrient Storage and Release in the Delta	UC Davis	6/30/2019	2/1/2022		\$178,901
PSN 18/19 - Assessing Sediment Nutrient Storage and Release in the Delta	SFEI/Aquatic Science Center	7/1/2019	4/30/2022		\$15,924
PSN 18/19 - Changes in Organic Carbon and Food Resources in Response to Historical Events in SSJ Delta	Virginia Institute of Marine Science	6/30/2019	4/30/2022	2	\$199,483
PSN 18/19 - Evaluating Juvenile Salmonid Behavioral Responses to Hydrodynamic Conditions in SSJ Delta	State Water Contractors	6/30/2019	4/30/2022	2	\$445,921
PSN 18/19 - Impact of Temperature and Contaminants on Chinook Salmon Survival: A Multi-Stressor Approach	NOAA Fisheries	8/1/2019	6/30/2023		\$478,048
PSN 18/19 - Improving Green Sturgeon Population Migration and Monitoring	UC Santa Cruz	2/1/2020	2/28/2023	2, 3	\$424,744

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PSN 18/19 - Integrated Science, Management of Nutrient Salt, Mercury Export from SJ River Wetland Tributaries Delta	UC Merced	6/30/2019	4/30/2022		\$863,160
PSN 18/19 - Next Generation Multi-Hazard Levee Risk Assessment	Bachand and Associates	6/30/2019	2/1/2022		\$160,431
PSN 18/19 - Next Generation Multi-Hazard Levee Risk Assessment	HydroFocus, Inc.	6/30/2019	2/1/2022		\$149,001
PSN 18/19 - Next Generation Multi-Hazard Levee Risk Assessment	Lawrence Berkeley National Laboratory	6/30/2019	2/1/2022		\$250,000
PSN 18/19 - Next Generation Multi-Hazard Levee Risk Assessment	UC Los Angeles	6/30/2019	2/1/2022		\$271,182
PSN 18/19 - Quantifying Contribution of Tidal Flow Variation to survival Juvenile Chinook Salmon	USGS	6/30/2019	6/30/2022	2	\$510,974

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PSN 18/19 - Quantifying Contribution of Tidal Flow Variation to survival Juvenile Chinook Salmon	Resource Management Associates, Inc.	6/30/2019	2/1/2022		\$250,235
PSN 18/19 - Recreational Hunting Eco Service Restoration Bay-Delta Watershed	Santa Clara University	6/30/2019	2/28/2022		\$236,377
PSN 18/19 - Resolving Contradictions in Foodweb Support for Native Pelagic Fishes	San Francisco State University	6/30/2019	2/1/2022		\$1,064,896
PSN 18/19 - Synchrony of Native Fish Movements: Synthesis Science Toward Adaptive Water Management in CV	UC Davis	6/30/2019	4/30/2023		\$742,415
PSN 18/19 - Tidal Wetland Restoration Bay-Delta Region: Developing Tools Measure Carbon Sequestration Subsidence Reversal, and Climate Resilience	CSU East Bay	6/30/2019	2/1/2022		\$980,768
PSN 20/21- Addressing Cyanohabs as a Threat to Water and Air Quality in the San Francisco Bay- Delta	UC Santa Cruz	7/1/2022	12/31/2023	1	\$90,000

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PSN 20/21 – Addressing Cyanohabs as a Threat to Water and Air Quality in the San Francisco Bay-Delta, Ca	North Carolina State University	5/1/2022	6/30/2024		\$112,258.08
PSN 20/21- Assessing water levels using historical records	Cal Poly Corporation	5/5/2022	6/30/2024	1	\$529,810
PSN 20/21- Estimating Juvenile Production of Spring Chinook Salmon Leaving the Delta	Fish Metrics, Inc.	10/15/2021	2/1/2024		\$76,800
PSN 20/21- Estimating Juvenile Production of Spring Chinook Salmon Leaving the Delta	Michigan State University	03/1/2022	6/30/2023	1	\$152,267
PSN 20/21- Estimating Juvenile Production of Spring Chinook Salmon Leaving the Delta	USGS	3/25/2022	6/30/2024	1	\$201,257
PSN 20/21- From Microbes to Zooplankton field and lab work	ICF Jones & Stokes, Inc	2/2/2022	6/30/2024	1	\$109,476

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PSN 20/21- From Microbes to Zooplankton, What Defines a Beneficial Wetland?	San Francisco State University	11/1/2021	6/30/2024		\$579,386
PSN 20/21- Harmful Algal Blooms and Cyanotoxins in the Delta: Occurrence, Distribution, Trends, and Environmental Drivers	USGS	5/18/2022	6/30/2024	1	\$675,556
PSN 20/21 - Harmful Algal Blooms and Cyanotoxins in the Delta: Occurrence, Distribution, Trends, and Environmental Drivers: Cyanotoxins and Cyanopeptides by Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)	Wayne State University	5/1/2022	6/30/2024		\$314,672.69
PSN 20/21- How Delta food webs have changed: Integrating detrital material into the changing Delta food web puzzle	UC Davis	11/9/2021	6/30/2024		\$240,902

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PSN 20/21- Regulation of controls of cold water through the Temperature Control Device of the Shasta Dam as means of supporting downstream fish populations	UC Davis	5/1/2022	9/30/2023	1	\$498,528
PSN 20/21- Reorienting to Recovery: Developing an inclusive, landscape scale process for Central Valley Salmonids, prioritizing actions and investments to achieve recovery and minimize community and economic impact	Compass Resource Management	1/12/2022	6/30/2024	1	\$176,694
PSN 20/21- Reorienting to Recovery: Developing an inclusive, landscape scale process for Central Valley Salmonids, prioritizing actions and investments to achieve recovery and minimize community and economic impact	FlowWest, LLC.	11/29/2021	1/30/2024		\$312,478

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PSN 20/21- Reorienting to Recovery: Developing an inclusive, landscape scale process for Central Valley Salmonids, prioritizing actions and investments to achieve recovery and minimize community and economic impact	Kearns and West	3/17/2022	6/30/2024	1	\$450,282
PSN 20/21- Reorienting to Recovery: Developing an inclusive, landscape scale process for Central Valley Salmonids, prioritizing actions and investments to achieve recovery and minimize community and economic impact	QEDA	1/25/2022	6/30/2024		\$110,737
PSN 20/21- Reorienting to Recovery: Developing an inclusive, landscape scale process for Central Valley Salmonids, prioritizing actions and investments to achieve recovery and minimize community and economic impact	UC Santa Cruz	11/16/2021	6/30/2024		\$138,037

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PSN 20/21- Reorienting to Recovery: Developing an inclusive, landscape scale process for Central Valley Salmonids, prioritizing actions and investments to achieve recovery and minimize community and economic impact	Bay.org DBA The Bay Institute	11/1/2021	6/30/2024		\$166,638
PSN 20/21- Reorienting to Recovery: Developing an inclusive, landscape scale process for Central Valley Salmonids, prioritizing actions and investments to achieve recovery and minimize community and economic impact	Trout Unlimited	3/1/2022	6/30/2024		\$130,378.23
PSN 20/21 Spring-run Chinook salmon age and growth data to understand the effects of climate change on life history over time	UC Davis	3/14/2022	6/30/2024		\$168,911.40

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PSN 20/21- Standard Operating Procedure for Diagnosing and Addressing Predator Detections in Salmon Telemetry Data	USGS	1/27/2022	4/1/2024		\$212,290
PSN 20/21- Standard Operating Procedure for Diagnosing and Addressing Predator Detections in Salmon Telemetry Data	University of Washington	3/1/2022	2/1/2024		\$292,856
PSN 20/21- Suisun Landscapes: historical ecology, functional metrics, and community priorities for landscape planning	SFEI/Aquatic Science Center	12/31/2021	4/1/2024	1	\$699,993
PSN 20/21- Suisun Marsh Phragmites Socioecological Study	Chapman University	7/1/2022	6/30/2024	1	\$152,039
PSN 20/21- Suisun Marsh Phragmites Socioecological Study	Purdue University	1/4/2022	6/30/2024		\$209,881

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PSN 20/21- Suisun Marsh Phragmites Socioecological Study	Santa Clara University	1/15/2022	6/30/2024	1	\$150,872
PSN 20/21- Suisun Marsh Phragmites Socioecological Study	Suisun Resource Conservation District	1/1/2022	6/30/2024		\$131,662
PSN 20/21- Suisun Marsh Phragmites Socioecological Study	Utah State University	11/15/2021	6/30/2024		\$319,652
PSN 20/21- The effects of climate change on the life history of spring-run Chinook Salmon through time	UC Santa Cruz	1/25/2022	6/30/2024		\$528,385
PSN 20/21- Towards Quantifying the Effects of Climate Change and Sea Level Rise on Carbon Accretion by Tidal and Non- Tidal Wetlands Exposed to a Range of Salinity along the San Francisco Bay Estuary and Delta	UC Berkeley	9/1/2021	2/1/2024		\$695,422

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PSN 20/21- White Sturgeon Telemetry Synthesis	Cramer Fish Sciences	12/1/2021	6/30/2023		\$79,120
PSN 20/21- White Sturgeon Telemetry Synthesis	U.S. Fish and Wildlife Service	3/21/2022	6/30/2023	1	\$15,000
Quantifying the relative contributions of groups of contaminants to environmental risk in the Upper San Francisco Estuary in conjunction with an adaptive management framework – Year 3	Western Washington University	12/31/2021	11/30/2022		\$170,098
Remote sensing of the Sacramento-San Joaquin Delta to enhance mapping for invasive and native aquatic plant species	UC Davis	10/20/2020	06/30/2022		\$329,910
Reproducible Research Techniques for Synthesis: Facilitated Training	UC Santa Barbara	6/30/2020	5/31/2022		\$177,407
San Francisco Estuary and Watershed Science Journal-2020	UC Davis	7/1/2020	6/30/2022		\$884,329
SBDS Editorial Board member	Cliff Dahm	8/19/2020	4/30/2022		\$41,316

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Science Communication Support for the Bay-Delta Estuary Science Enterprise	Maven's Notebook	12/7/2020	6/30/2023		\$157,500
Science for adaptive management of juvenile spring-run Chinook San Joaquin River	UC Davis	10/9/2020	2/1/2023		\$522,829
Synthesis of juvenile salmon growth, condition and Delta habitat use among extreme hydrologic conditions (2020-2022)	UC Davis	6/18/2020	5/31/2022		\$372,910
Science Writing Summarizing Symposium on Ecosystems Thresholds	Erik Grijalva	10/14/2019	6/30/2022		\$7,000
Science Writing Summarizing the eDNA Symposium	Raman Nagarajan	1/15/2020	4/30/2022		\$7,000
Science Partnership to Support the San Francisco Estuary	Association of Bay Area Governments	2/2/2021	6/30/2023		\$946,246
Synchrony of native fish movements: synthesis science towards adaptive water management in the Central Valley	UC Davis	3/16/2022	4/30/2023	2	\$742,415
Technical analyses to develop/implement flow and water quality objectives in the Bay-Delta Plan	Gregory Gartrell, PhD, PE	2/1/2022	3/31/2023		\$43,668.65

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Thiamine Deficiency Research in CV Chinook Salmon	UC Davis	10/06/2020	4/30/2022		\$389,829
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PLANNING CONTRACTS

Project Title	Contractor	Start Date	End Date	*	Contract Total
Delta Plan Amendments -- see Task Orders (TO) below	Stantec Consulting Services, Inc.	6/30/2016	6/30/2022		\$6,010,000
TO#1 - Strategic Plan Development for Water Storage, Conveyance & Operations	Stantec Consulting Services, Inc.	7/29/2016	6/30/2017		\$146,010
TO#2 - Project Management and Coordination	Stantec Consulting Services, Inc.	6/27/2016	6/30/2022		\$545,295
TO#3 - CEQA for Delta Plan Amendments	Stantec Consulting Services, Inc.	1/01/2017	6/30/2018		\$1,982,934
TO#4 - Conveyance, Storage Systems & Operations of Both Delta Plan Amendment	Stantec Consulting Services, Inc.	1/01/2017	3/31/2018		\$198,176
TO#5 - Support for the Delta Plan Amendment to Ch 4-Protect, Restore and Enhance the Delta Ecosystem	Stantec Consulting Services, Inc.	10/16/2017	3/31/2021		\$856,818

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TO#6 - CEQA for the Delta Plan Amendment to Ch 4-Protect, Restore and Enhance the Delta Ecosystem	Stantec Consulting Services, Inc.	5/01/2018	6/30/2022		\$1,179,369
TO#7 - Support for Delta Plan Amendments Rulemaking Process	Stantec Consulting Services, Inc.	6/01/2018	6/30/2022		\$431,869
TO#8 - 5 Year DP Review	Stantec Consulting Services, Inc.	6/01/2018	12/31/2019		\$349,950
TO#9 - Delta Levees Analysis Update	Stantec Consulting Services, Inc.	4/1/2020	3/31/2021		\$317,736
Task Order Totals:					\$6,008,167
Climate Change Vulnerability Assessment (TO) below	AECOM	6/30/2018	6/30/2023		\$830,000
TO#1 - Project Scope and Organization	AECOM	7/01/2018	6/30/2019		\$100,601
TO#2 - Vulnerability Assessment Support	AECOM	7/01/2019	6/30/2020		\$308,860
TO#2 - Amendment 1	AECOM	11/4/2019	6/30/2020		\$77,993
TO#2 - Amendment 2	AECOM	4/8/2020	6/30/2020		\$105,501
TO#2 - Amendment 2	AECOM	4/8/2020	3/31/2021		\$17,767
TO#3	AECOM	10/1/2021	6/30/2023		\$219,278
Task Order Totals:					\$610,722
EJ Expert content development and reviewer for EJ Issue Paper	Sacramento Regional Coalition to End Homelessness	11/19/2021	11/18/2022		\$9,600
EJ Expert content development and reviewer for EJ Issue Paper	Little Manila Foundation	11/29/2021	11/28/2022		\$9,971

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EJ Expert content development and reviewer for EJ Issue Paper	Restore the Delta	10/1/2021	9/30/2022		\$9,758
Enhancements to the OpenDAP model	UC Merced	4/15/22	4/14/23	1	\$49,491
Sea Level Rise Modeling	San Francisco State University	7/27/2020	6/30/2022		\$50,000

SCIENCE RECEIVABLES

Project Title	Federal/State Reimbursement Agency	Start Date	End Date	*	Receivable Total
Bay-Delta Collaborative Science & Adaptive Management Study Program	U.S. Bureau of Reclamation	10/26/2018	6/30/2022		\$2,000,000
CSAMP and Upper Sacramento River Competitive Study Solicitation	U.S. Bureau of Reclamation	9/16/2020	5/31/2025		\$3,500,000
Independent Scientific Review Panel Services	U.S. Bureau of Reclamation	11/15/2019	9/30/2023		\$1,345,700
Review, advice, and workshop services	State Water Resources Control Board	6/30/2021	3/31/2023		\$500,000

***FOOTNOTES:**

- 1 - New Agreements approved or in progress within last 90 days.
- 2 - Amended Agreements approved or in progress within last 90 days. *TIME EXTENSION*
- 3 - Amended Agreements approved or in progress within last 90 days. *DOLLAR CHANGE*
- 4 - **COUNCIL ACTION ITEM** – New/Amended Agreement within last 90 days that is approaching or greater than \$500,000.