ANNUAL DEPARTMENT OF WATER RESOURCES CONSTRUCTION MANAGER/GENERAL CONTRACTOR AND FIXED-PRICE DESIGN-BUILD REPORT TO THE LEGISLATURE

Executive Summary

Report to the Legislature
Water Code Section 147.1
Resources and Expenditures of Collaborative Delivery Public Works Projects
Fiscal Year 2022-2023

The Department of Water Resources (Department) has prepared this detailed accounting in accordance with Water Code Section 147.1. It addresses public works projects undertaken using the Construction Manager/General Contractor (CMGC) (Article 1.1 commencing with Section 10112 of the Public Contract Code) and the Fixed-Price Design-Build (FPDB) (Article 6.5 commencing with Section 10200 of the Public Contract Code) delivery methods. This report covers the expenditure of resources, including costs for Fiscal Year 2022-23. More specifically, this report includes the following information:

- The total number of state-employed staff, including engineers and related positions, utilized by the Department to design, inspect, and manage the project. (See Table 1, Below.)

- The average annual cost per state staff position utilized to perform work related to the project in the applicable fiscal years. In calculating the total and per-state-staff cost, the Department used staff salaries and benefits, and other direct costs that could be attributed solely to the performance of state staff services, that would otherwise be incurred by the Department. (See Table 1, Below.)

- The total number of consultant personnel year (PY) equivalent consultant positions utilized by the Department to design, construct, and manage the project. (See Table 2, Below.)

- The average, annual, per personnel year-equivalent cost of consultant positions utilized to perform work related to the project in the applicable fiscal year. (See Table 2, Below.)

- A list of all Department contracts issued, for a project described in this subdivision, for the two completed fiscal years that immediately precede the year in which the report is due, along with an estimate for the fiscal year in which the report is due.

Table 1 Department Staff Utilized to Design, Inspect, and Manage Projects

Chipps Island Tidal Habitat Restoration Project	
Classification	**Sum of PY's per Classification**
Associate Government Program Analyst	0.07
Construction Supervisor II, WR	0.03
Engineer, WR	0.74
Environmental Scientist	0.63
Sr. Engineer, WR	0.27
Sr. Environmental Scientist (Spec)	0.88
Sr. Environmental Scientist (Supv)	0.01
Sr. Right of Way Agent	0.01
Supervising Engineer, WR	0.18
Total PYs	2.82

Total Cost	$999,949
Average PY Costs	$354,592

[a] Data source is the Department's SAP database.

Table 2 Consultant Staff Utilized to Design, Inspect, and Manage Projects

Chipps Island Tidal Habitat Restoration Project	
Classification	**Sum of Hours per Classification**
Scientist 4	2.25
Scientist 6	31.00
Scientist 8	18.25
Scientist 11	9.25
Scientist 12	9.25
Scientist 18	0.25
Scientist 19	26.75
Total Hours	97
Total PY Equivalent	**0.05**

Total Cost	$14,344
Average PY Costs[b]	$262,924

[b] Costs associated with the procuring, negotiating, and awarding the consultant contract were distributed over the eight (8) years of the contract and over the 12 separate Task Orders. Chipps Island work is covered by only one (1) Task Order. The distributed procurement costs are $178 per year of the contract and is added to the consultant's annual PY cost.

Department staff spend two hours per month supervising, monitoring, and overseeing the services performed under the entirety of this consultant contract. That cost is distributed across the 12 Task Orders and results in an annual cost of $534 per year and is added to the consultant's annual PY cost.

Collaborative Delivery Projects and Related Contracts

The Department did not award any Collaborative Delivery contracts in FY 21/22.

The Department awarded one contract in FY 22/23 which is described below.

Project Name: Chipps Island Tidal Habitat Restoration Project

Contract Type: Construction Manager/General Contractor (Preconstruction Services Contract)

Contract Award Date: May 11, 2023

Purpose of Contract: The Department is implementing the project to provide on-site and regional habitat benefits to native and sensitive/special status fish, wildlife, and plants by restoring tidally influenced open water and wetland habitat. Under the CMGC delivery model, the Department executes both the Preconstruction Services Contract and one or more construction contracts with a Construction Manager.

For this Project, under the Preconstruction Services Contract, the Construction Manager develops construction management plans; participates in a partnering process in order to foster collaboration between the Department and the Construction Manager throughout the design and construction of the project; investigates the Chipps Island levee and interior; performs constructability and permit reviews; develops construction cost estimates; develops construction project schedules and sequencing plans; and develops Guaranteed Maximum Price proposals for construction.

The construction contracts will provide for the Construction Manger to construct discrete phases of the overall project once a Guaranteed Maximum Price and schedule have been negotiated. For this Project, the Department anticipates awarding three construction contracts. The first was awarded in July 2023.

Amount of Contract: $2,242,030.42 (Preconstruction Services Only)

$8.5 million in future construction contracts (estimated)

Project Completion Schedule: All phases of construction are anticipated to be completed by November 2025.

The Department anticipates awarding the Fixed-Price Design Build contract described below in FY 23/24.

Project Name: Electric Vehicle Charging Stations Project Phase III

Contract Type: Fixed-Price Design-Build

Contract Award Date: Spring 2024 (projected)

Purpose of Contract: A Fixed-Price Design-Build agreement between the Department and the Design-Build Contractor to design, install, and commission required infrastructure and electric vehicle charging units at various locations in the Department's Oroville, Delta, San Luis, San Joaquin, and Southern Field Divisions.

The project supports compliance with the 2016 Zero Emission Vehicles (ZEV) Action Plan which requires 50-percent of all state agency light-duty vehicle procurements to be zero emission by 2025 and expansion of state agency workplace charging availability in at least 5% of workplace parking spaces at state-owned facilities.

The project supports compliance with SB 1203 (2021–2022) that mandates state agencies achieve net-zero emissions of greenhouse gases resulting from their operations no later than January 1, 2035.

Amount of Contract: $35 - $40 million (estimated)

Project Completion Schedule: Project to be completed by October 31, 2025