



COUNTY OF SONOMA

575 ADMINISTRATION
DRIVE, ROOM 102A
SANTA ROSA, CA 95403

SUMMARY REPORT

Agenda Date: 3/16/2021

To: Board of Directors, Sonoma County Water Agency
Department or Agency Name(s): Sonoma County Water Agency
Staff Name and Phone Number: Greg Guensch 547-1972
Vote Requirement: Majority
Supervisory District(s): Fourth

Title:

Dry Creek Habitat Enhancement Project Phase IV, Large Woody Debris Procurement

Recommended Action:

Authorize Sonoma County Water Agency's General Manager to execute agreements with Austin Gap Partnership, Falk Forestry Inc., and Parmeter Logging and Excavation, Inc., for the purchase of large woody debris for the Dry Creek Habitat Enhancement Project, Phase IV (total of all agreements not-to-exceed \$2,332,700).

Executive Summary:

The Russian River Biological Opinion requires the creation of 6 miles of enhanced Coho salmon and steelhead habitat along Dry Creek by 2024, which have been divided by mile into Phases I - VI. These enhancements will support the federally protected species while allowing the continued flow of Lake Sonoma water down Dry Creek at levels sufficient to provide water supply for the 600,000 residents of Sonoma and Marin Counties that receive water from the Sonoma County Water Agency (Sonoma Water). Phases I-III are nearly complete and Sonoma Water is partnering with the Army Corps of Engineers (Corps) to design and construct Phases IV - VI (miles 4 - 6) of these enhancements, with Sonoma Water being the non-federal sponsor responsible for a 35% in-kind funding match. This item will allow for continued work to complete this project on schedule by procuring logs and logs with root wads needed to construct Phase IV (4th mile) of the project, which will be managed by the Corps. Procuring the logs in advance will save time, reduce the potential for materials to be unavailable when needed, and allow for quality control on the materials used.

Discussion:

HISTORY OF ITEM/BACKGROUND

The Dry Creek Habitat Enhancement Project Phase IV (Project) is one component of the 2008 National Marine Fisheries Service's Russian River Biological Opinion (BO), which is a federally mandated 15-year blueprint to help save endangered fish and preserve the Water Agency's regional water supply. One of the reasonable and prudent measures required by the BO is the construction of 6 miles of salmonid rearing habitat enhancements. The habitat enhancements are intended to reduce water velocities and provide feeding areas and cover for coho salmon in the rearing stage during the summer and winter in Dry Creek.

Nearly all of the sites in the first three phases of the Dry Creek Habitat Enhancement Project (Phases I - III), which comprise approximately 3 miles of habitat enhancement, have been completed. There is one remaining Phase III habitat feature scheduled for construction in 2021. Phases IV, V and VI constitute the remaining 3

miles of habitat and are scheduled for construction from 2021 - 2024, an effort that will be led and funded by the Corps. This wood procurement agreement is for Sonoma Water to provide the logs needed for the Phase IV Project to be constructed in 2021 and 2022.

Part of the construction work for the Project will require habitat modification, including construction of log jam structures using logs and logs with their root wads still attached, referred to as “large woody debris.” The root wad logs in particular are not readily available, and Sonoma Water anticipates that if procurement is left to the construction contractor, it could either substantially delay the Project or severely restrict The Corps’ ability to attract bids. To avoid these potential complications and the resulting delays during bidding and construction of the Project, Sonoma Water has initiated a separate procurement process to purchase and accumulate the large woody debris materials in advance of the Project construction. This procurement also allows Sonoma Water to exercise more direct control over the type and quality of the large woody debris materials, which will be important to the success of the Project. The large woody debris material will be delivered to stockpile sites behind the Corps’ Warm Springs Dam office.

A total of up to 2,000 large woody debris units (660 logs with root wads and 1,340 logs) will be needed for this phase of the Project, which will be constructed in 2021 and 2022. The total quantity of large woody debris and material types have been identified by Sonoma Water’s consultant for design of the Project, Inter-Fluve Inc. Sonoma Water’s consultant has determined that the existing hardwood trees in the riparian area at the Project site lack the mass and durability necessary for successful coho salmon rearing habitat. Salmon habitat restoration guidelines published by resource agencies identify heavier conifers (Redwood, Douglas Fir, etc.) as the preferred species, and many other successful habitat restoration projects in the Pacific Northwest have been constructed by importing these materials.

SELECTION PROCESS

Using a format based on the County of Sonoma Purchasing Department’s standard agreement for purchase of goods and materials, Sonoma Water issued a Request for Proposal to 27 recipients on November 12, 2020. The Request for Proposal identified Sonoma Water’s intent to acquire all the units necessary for projects to be constructed in 2021 and 2022. Selection of proposals for each material type is based on the unit prices for each item from the lowest responsive and responsible proposals. Sonoma Water reserved the right in the Request for Proposal to award contracts to more than one supplier as may be necessary to secure the needed quantities.

In addition, the Request for Proposal was subject to the County’s Local Preference Procedure, which provides a qualifying Local Service Provider an opportunity to match the lower price of a non-local provider if the unit prices from respective proposers are separated by 5% or less.

A total of four suppliers responded to the Request for Proposal: Parmeter Logging and Excavation, Inc. (Cazadero, CA), Austin Gap Partnership (Santa Rosa, CA), Professional Tree Care Co. (Berkeley, CA), and Falk Forestry Inc. (Stewarts Point, CA). In all categories of large woody debris, low cost is the basis for selection. In the event that the proposer with the lowest price is unable to contract for the proposed amount of large woody debris, then Sonoma Water will purchase large woody debris from the next lowest proposer in order to meet the required quantity. The required quantity is available from three of the four proposers; therefore, no agreement with the highest proposer, Professional Tree Care, will be necessary. Agreements with multiple suppliers is also advantageous because the timing and availability of materials is still subject to some

uncertainty due to potential delays or challenges to pending harvest permits for certain proposers. For these reasons, some proposals are tentative, and may not result in a contract for the proposed quantity, and the not-to-exceed amount includes a five percent contingency. Because of the separation in bid item prices (greater than 5%), the Local Preference Procedure was not triggered; however, the three selected proposers are Sonoma County businesses.

The proposed Board Action would authorize Sonoma Water's General Manager to execute contracts with proposers in the form attached to this Agenda Item as necessary to acquire the total quantity of large woody debris materials required for projects constructed in 2021 and 2022, subject to a total amount not to exceed \$2,332,700. This flexibility will be necessary to assure that the materials needed for the Project are acquired in time for construction. The cost of these contracts counts as part of the Sonoma Water's in-kind funding match obligation to the Corps as the non-federal sponsor for the Phases IV - VI of the Dry Creek Habitat Enhancement Projects.

SERVICES TO BE PERFORMED

Under the proposed agreements, suppliers will provide all labor, supplies, and equipment necessary to secure entitlements, harvest (if necessary), transport, and off-load the large woody debris materials at Sonoma Water's storage site. The agreements will have two-year terms.

Prior Board Actions:

- 08/22/2017: Approved Sonoma County Water Agency's General Manager to execute agreements between the Sonoma County Water Agency and Falk Forestry Services and Bohan & Canelis General Engineering, Inc., for the purchase of large woody debris for the Dry Creek Habitat Enhancement Project Miles 2 and 3 (total of all agreements not-to-exceed \$1,826,525).
- 02/02/2016: Approved Agreement for Procurement of Large Woody Debris for Dry Creek Habitat Enhancement Project (Miles 2 and 3 - Phase One).
- 05/22/2012: Approved Agreement for Procurement of Large Woody Debris for Dry Creek Demonstration Project.

FISCAL SUMMARY

Expenditures	FY 20-21 Adopted	FY21-22 Projected	FY 22-23 Projected
Budgeted Expenses	\$2,332,700		
Additional Appropriation Requested			
Total Expenditures	\$2,332,700		
Funding Sources			
General Fund/WA GF			
State/Federal			
Fees/Other	\$2,332,700		
Use of Fund Balance			
Contingencies			
Total Sources	\$2,332,700		

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Narrative Explanation of Fiscal Impacts:

Budgeted amount of \$2,332,700 is available from FY 2020/2021 appropriations for the Water Transmission-Watershed Planning and Restoration Fund. No additional appropriation is required.□

Staffing Impacts:			
Position Title (Payroll Classification)	Monthly Salary Range (A-I Step)	Additions (Number)	Deletions (Number)

Narrative Explanation of Staffing Impacts (If Required):

N/A

Attachments:

Attachment 1: Agreement with Austin Gap Partnership

Attachment 2: Agreement with Falk Forestry Inc.

Attachment 3: Agreement with Parmeter Logging and Excavation, Inc.

Related Items “On File” with the Clerk of the Board:

None