

Amendment to Project Agreement

Project Sponsor: City of Edmonds
Project Title: Willow Creek Daylighting Preliminary Design

Project Number: 14-1299P
Amendment Number: 1

Amendment Type:

Project Type Change

Amendment Description:

Sponsor has provided a revised budget and scope to amend project type from currently preliminary design, to a feasibility analysis, bio-geo sampling and analysis, with conceptual design (Appendix D-1) deliverables in response to SRFB review panel comments. Project will be conditioned, for review of project deliverables and to secure control and tenure, prior to approving the project to move forward with a preliminary design phase. This project type change and scope was recommended by and approved by RCO Director in person, on 8/18/2016.

Agreement Terms

In all other respects the Agreement, to which this is an Amendment, and attachments thereto, shall remain in full force and effect. In witness whereof the parties hereto have executed this Amendment.

State Of Washington
Recreation and Conservation Office

BY: Kaleen Cottingham

Kaleen Cottingham

TITLE: Director

DATE: 9/22/16

Pre-approved as to form:

BY: /S/

Assistant Attorney General

City of Edmonds

AGENCY: David O. Earling

BY: David O. Earling

TITLE: Mayor

DATE: 10.28.16

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RECREATION AND CONSERVATION OFFICE

Amendment Special Conditions

Project Sponsor: City of Edmonds
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Special Conditions

a) Design and Restoration Project Deliverables:

The project will meet the standards for Design and Restoration Project Deliverables described in Manual 18 (2016) Appendix D-1 "Conceptual Design Deliverables". Submit the following deliverables to your SRFB grants manager along with any assessment, data collection summaries and reports, and feasibility deliverables funded in the scope of work.

- a) Description of the project site and the problems within the context of salmon recovery.
- b) Identification of specific goals and objectives for addressing the problems.
- c) Identification and conceptual design of alternative(s) for achieving the project objectives. Each conceptual design alternative must include a description of the design and a plan view drawing of existing site conditions and the proposed project on accurately scaled site plans. The plan view drawing must include an area/location map, property boundaries (either surveyed or approximated based on assessor's data), landownership, roads or other infrastructure as appropriate, scale, north arrow, water bodies and direction of flow, bank-full width or mean high water line for marine waters, and approximate dimensions of proposed elements.
- d) Evaluation and discussion of stakeholder comments and the pros and cons of each alternative.
- e) Selection of the preferred alternative(s).
- f) Rough construction cost estimate of the preferred alternative(s). (optional)

b) Condition: SRFB Review of Draft Conceptual Design: Project sponsor will submit a draft version of conceptual design deliverables for SRFB review panel design for review and comment. Review may take 30-60 day upon current work load of review panel members.

c) Condition: Control and Tenure established, and MOU provided to SRFB: Project sponsor will provide a signed Landowner Acknowledgement Form from WSDOT-Ferries and a written report of negotiations between the City and WSDOT-Ferries that includes an MOU between these two parties clearly stating the agreed upon preferred alternative channel alignment across the Unocal property (future WDSOT property) including any communicated intention and/or commitment from WSDOT-Ferries to adopt or incorporate the concept into their future development of the project permanent.

d) Cultural Resources

The cultural resources assessment was completed for a portion of the site (the marina beach property) under a prior phase of the project and is attached in PRISM. The future restoration project will be subject to the National Historic Preservation Act, Section 106, but preliminary designs may require additional ground disturbing activities for geotechnical and other investigations. In order to be exempt from Governor's Executive Order 05-05 Archaeological and Cultural Resources (EO 05-05) as described in Section 9 of this project agreement, sponsor must have an archaeologist monitor any ground disturbing activities necessary for design development, and incorporate observations and results into the Cultural Resources Assessment that will be prepared for the Section 106 consultation.

Please note, in order for a future RCO funded restoration project to be exempt from EO 05-05, the Section 106 Area of Potential Effect (APE) must include all ground-disturbing activities (e.g., restoration staging area, riparian planting areas). The sponsor is encouraged to work with the federal permitting agency to align the Section 106 APE with the scope of work subject to a future RCO funded restoration project proposal. If the APE does not include all ground-disturbing activities proposed for RCO funding, RCO will need to initiate cultural resources consultation following EO 05-05 for those activities not included in the federal APE.

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City of Edmonds will use this funding to develop a conceptual design of an alternative channel alignment across the Unocal property portion of the project. An alternative channel will consider a wider, meandering channel setback from the railroad tracks that would allow for increased channel complexity, reduced velocities and enhanced habitat value. This phase of the project will also assess sediment quality in key locations where interior channels for water conveyance and juvenile salmon habitat enhancement will be located within the marsh, (based on final feasibility findings in planning project 13-1107) and water quality data of freshwater and stormwater inputs to the marsh. Hydraulic modeling needed prior to moving into design will be completed during this project phase. This includes modeling habitat conditions of the daylight channel configuration for channel depth and temperature, modeling operational criteria and layout of the floodgate, and flows in the daylight channel along Marina Beach Park to assess for potential safety hazards. Lastly, key communications with stakeholders will continue in this project phase, primarily with Washington Department of Transportation- Ferries Division who is slated to be the future owner of the Unocal Property. Deliverables for this project will meet all requirements of Manual 18: Appendix D-1 Conceptual Design Deliverables. In addition, project deliverables will include a Landowner Acknowledgement Form from WSDOT-Ferries and a report of negotiations between the City and WSDOT-Ferries that includes an MOU between these two parties clearly stating the preferred alternative channel alignment across the Unocal property.

The overall goal is restoration of Edmonds Marsh, a remnant barrier estuary located in the nearshore within the City of Edmonds (VRIA 8). This future restoration action is being designed to benefit juvenile Chinook salmon.

This project builds upon previous planning grants (11-1553 and 13-1107) focused on feasibility and conceptual design alternatives for the marsh restoration project.

Amendment Eligible Scope Activities

Project Sponsor: City of Edmonds

Project Number: 14-1299

Project Title: Willow Creek Daylighting Preliminary Design

Project Type: Planning

Program: Salmon Federal Projects

Amendment #: 1

Planning Metrics

Worksite #1, Edmonds Marsh

Targeted salmonid ESU/DPS (A.23):

Chinook Salmon-Puget Sound ESU,
Chum Salmon-Puget Sound/Strait of
Georgia ESU, Coho Salmon-Puget
Sound/Strait of Georgia ESU

Targeted species (non-ESU species):

Cutthroat

Area Encompassed (acres) (B.0.b.1):

28.0

Miles of Stream Affected (B.0.b.2):

0.10

Restoration Planning And Coordination Project

Conducting habitat restoration scoping and feasibility studies (B.1.b.8)

Project Identified in a Plan or Watershed Assessment (B.1.b.8.a):

Draft Puget Sound Salmon Recovery
Plan, Several Authors, June 30, 2005 -
revised December 2005,
http://www.psp.wa.gov/SR_map.php
Shannon&Wilson. 2013. *Willow Creek
Daylighting Final- Early Feasibility Study*,
Edmonds, WA. Shannon & Wilson, Inc.
400 N 34th St, Suite 100, Seattle, WA
98103. 21-1-12393-206.

Amendment Eligible Scope Activities

Description of the Plan (B.1.b.8.b):

Lake Washington/Cedar/Sammamish watershed contains two major river systems, three large lakes, and 80 miles of shoreline. Species in the WRIA 8 watershed include Chinook, sockeye, coho, kokanee, steelhead, bull trout, and rainbow and coastal cutthroat. Listed Chinook species include the Sammamish and Cedar River populations. Ecosystem Diagnosis and Treatment will determine the quantitative goals for in stream and landscape habitats, and Chinook goals would increase productivity to twice the current juvenile survival. Limiting factors for Chinook include altered hydrology, loss of floodplain connectivity, lack of riparian vegetation, disrupted sediment processes, loss of channel and shoreline complexity, fish passage barriers, and degraded water/sediment quality. Conservation Strategy objectives will maintain, restore, or enhance watershed processes that create favorable habitat characteristics, enhance habitat and connecting corridors, maintain a well-dispersed network of high-quality refuge habitats and connect high quality and recovered habitats for population expansion centers. Strategies include protect and manage upper watershed's intact habitat, encourage direction of growth into existing urban areas, manage rural development to avoid/reduce impact, restore productivity and rearing habitat in Cedar and Sammamish Rivers, and Lake Washington and tributaries, improve habitat in Lake Washington and Ship Canal, and restore the nearshore where possible.