



# **Exhibit A-1**

## **Supplemental Scope of Work**

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Project No. CCF03-21

### **Task 1 – Project Management and Coordination**

Provide an additional 14 Months of Project Management and Coordination:

- Project coordination and monthly review
- Monitor project budget and schedule
- Facilitate and maintain project team communications
- Prepare monthly progress reports and invoices
- Attend monthly project coordination meetings (14)
- Attend site coordination meetings

### **Task 4 – Environmental Documentation and Support**

Prepare full Biological Assessment Supporting Formal Consultation with NMFS – triggered by “Quinone 6ppd” (emerging issue) – scope originally assumed to be “No Effect” finding:

- Attend site meetings
- Prepare Draft Biological Assessment for formal consultation
- Prepare Draft Final Biological Assessment responding to initial comments
- Prepare Final Biological Assessment responding to WSDOT/FHWA comments
- Incorporate Stream 1 design updates into BA documents
- Perform habitat assessments

Wetland and Stream Delineation (Williams Property)

- Delineate and flag wetland and stream ordinary high-water mark (OHWM) boundaries at the 2.66-acre Williams Property (Parcel #00373101100400) using brightly colored flagging or wire flag stakes as appropriate. All flags will be surveyed by AGENCY. CONSULTANT will provide AGENCY with a flag map of the number sequences and will verify the mapping.
- Complete wetland determination forms and provide to AGENCY to document the wetland boundary delineation. The wetland report, figures, and ratings will be completed by AGENCY.
- Wetlands will be delineated using the Corps of Engineers Wetlands Delineation Manual (1987) as amended, and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains Valleys, and Coast Region (2010) as required by AGENCY, WDFW, Ecology, and the Army Corps of Engineers (USACE). The OHWM on Swamp Creek and the unnamed tributary will be delineated in accordance with the USACE National OHWM Manual (2025) and Determining the Ordinary High-Water Mark for Shoreline Management Act Compliance in Washington State (Ecology 2016).
- If site conditions make areas of the property inaccessible, then boundaries will be estimated using available published information (e.g., lidar, NWI, topographic maps) in combination with field observations. If Swamp Creek is not wadeable, then the right bank will be delineated using offsets from the left bank that is presumed to be accessible. The property will be accessed from the public right of way on 213<sup>th</sup> Place SW since all other adjacent properties are privately owned and right of entry has not been granted.

### **Task 7 – Storm Drainage Design**

Change in Land Cover Area Maps:

- Update proposed land cover area maps and tables per AGENCY roadway modifications

Stormwater Quality Treatment Alternatives for Roadway Widening:

- Additional TDA-1 stormwater quality treatment options / layouts / estimates responding to environmental (Biological Assessment) review comments – requiring 100% WQ treatment in TDA-1 – exceeding Ecology requirements designed at 60%

AGENCY Drainage Report:

- Incorporate TDA-1 WQ modifications into 90% drainage report

90% Drainage Design Plans:

- Incorporate response to additional round of TDA-1 design comments
- Update TDA-1 plans, profiles, cross sections, and details per WQ system modifications

**Task 8 – Culvert Analysis and Design**

Box Spring Creek Culvert Design Alternative:

- Prepare and summarize one additional Box Spring Creek culvert width design and stream layout alternative (ultimately selected 60% design alternative).

Stream 1 Culvert Design Alternative:

Prepare and summarize additional Stream 1 culvert location design and stream layout alternative (post-60% design alternative).

- Prepare and analyze alternative
- Update stream grading and alignment
- Update stream and culvert site key plan
- Update stream horizontal alignment plan
- Update TESC and stream bypass plans
- Update culvert replacement TESC details
- Update stream and culvert plan and profiles
- Update wood structure placement
- Update culvert construction sequencing plans
- Update hydraulic modeling and stream calcs.
- Update Basis of Design and H&H memo.

Updated/New Flume-Based Design for Streams (Design Standards Update):

- Updated/new stream details and hardened/armored bands material sizing
- Incorporate wood grade control in step pools for Box Spring Creek

Applicable Report Updates (based on above)

**Task 11 – Bidding and Construction Period Services**

The anticipated level of effort for the following on-call work tasks is limited to the total budget identified on the accompanying hour/fee budgeting worksheet. The level of effort and budget may be increased, if mutually agreed, by additional supplement. The following on-call construction period services tasks are anticipated, if requested by the AGENCY:

- Project management/coordination and invoicing – 18 months.
- Assist the AGENCY during the bid period to answer questions that arise concerning the CONSULTANT's design documents.
- Assist the AGENCY in preparing addenda, if requested.
- Review submittals and shop drawings relative to the CONSULTANT's design.
- Respond to requests for information (RFI's) relative to the CONSULTANT's design.
- Attend on-site meetings and/or special inspections to review and provide input on the progress of the construction work. Transmit notes documenting any significant issues or inconsistencies relative to the CONSULTANT's design documents.

WALDERWOOD MALL PARKWAY - 60% and FINAL DESIGN SERVICES  
Hour/Fee Estimate  
Orak, Inc.  
Orak Project # 33340  
April 2025

*Only key staff are shown and other staff may work on and charge to the project as needed by the project manager.*

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