Consultant/Address/Telephone **Local Agency A&E** Otak, Inc. **Professional Services** 2828 Colby Avenue, Suite 401 Everett, WA 98201 Supplemental Agreement Contact Name / E-Mail Address Nico Vanderhorst / nico.vanderhorst@otak.com Supplement Number Telephone Supplement No. 5 425-739-4212 425-827-9577 **Execution Date Completion Date** Agreement Number 12/20/2021 CCF03-21 12/31/2026 **Project Title New Maximum Amount Payable** \$1,060,938.00 Design Services, Alderwood Mall Parkway Description of Work Provide 100% design documents including, engineering analysis, environmental documentation (support) for three fish-passage culvert replacements, roadway storm drainage collection and conveyance, storm drainage detention, storm drainage water quality and LID facilities, and traffic signal improvements for the Alderwood Mall Parkway from State Route 525 Northbound On/Off Ramps to 168th Street SW. The Local Agency of Snohomish County desires to supplement the Agreement entered into with **Otak**, **Inc**, and executed on December 20, 2021, as amended by Supplement No. 1 on October 12, 2022, as amended by Supplement No. 2 on August 25, 2023, as amended by Supplement No. 3 on September 29, 2023, as amended by Supplement No. 4 on July 26, 2024 and identified as Agreement No. CCF03-21. All provisions in the basic agreement remain in effect except as expressly modified by this supplement. The changes to the Agreement are described as follows: The "Completion Date" on the Agreement title page is amended as follows: **Completion Date** December 31, 2026 The "Maximum Amount Payable" amount on the Agreement title page is amended as follows: Maximum Amount Payable \$1.060.938.00 **EXHIBIT A-1 Supplemental Scope of Work**, attached hereto and by this reference made part of the original Agreement, as additional work to be performed under Exhibit A. IV EXHIBIT D-1 Prime Consultant Cost Computations, attached hereto by this reference made part of the previously amended Agreement, and adds supplemental cost computations for the additional work to be performed under Exhibit A-1 of this Agreement. If you concur with this supplement and agree to the changes as stated above, please sign in the appropriate spaces below and return to this office for final action. By: OTAK, INC. By: SNOHOMISH COUNTY

Approving Authority Signature

Consultant Signature

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 213th 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.

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