

AMENDMENT NO. 7 TO THE AGREEMENT FOR PROFESSIONAL SERVICES

THIS AMENDMENT NO. 7 TO THE AGREEMENT FOR PROFESSIONAL SERVICES (“Amendment No. 7”) is entered into as of this 25th day of Jan. 2023, by and between Snohomish County, a political subdivision of the State of Washington (the “County”), and J.A. Brennan Associates, PLLC., a Washington Corporation (the “Contractor”).

RECITALS

- A. Whereas, J.A. Brennan Associates, PLLC was selected through an RFQ process to provide consultant services in support of Master Plan Update and Day-Use Improvements at Kayak Point Regional Park (the “Project”) and an agreement for the Project was executed on October 19, 2016 (the “Agreement”); and
- B. Whereas, an Amendment No. 1 was executed to address options for phasing construction of the project; and
- C. Whereas, an Amendment No. 2 was executed to expedite completion of an eelgrass delineation, which needed to be completed within a certain timeframe; and
- D. Whereas, an Amendment No. 3 was executed for the next phase of design, permitting and bidding support, which was structured to complete the Project up to solicitation of bidders for construction; and
- E. Whereas, an Amendment No. 4 was executed to address additional Geotechnical needs associated with permitting requirements; and
- F. Whereas, an Amendment No. 5 was executed to address additional reports, review, and coordination meetings associated with time extensions and permitting requirements; and
- G. Whereas, an Amendment No. 6 was executed to address needed structural analysis for the pier after 2021 storm events; and
- H. Whereas, the current Amendment is necessary to provide construction support services, additional permitting support, and design support due to change in the construction timeline; and
- I. Whereas, Scope of Work and budget has been negotiated for the proposed Amendment for the value of \$739,689 (Seven hundred thirty-nine thousand, six hundred eighty-nine dollars).

AMENDMENT NO. 7

NOW, THEREFORE, the County and Contractor agree that the Agreement shall be amended as follows:

1. Section 1, entitled "Purpose of Agreement; Scope of Services" shall be amended to include tasks outlined in the attached Exhibit A, which is incorporated herein by this reference.

2. Subsections a, b, c, and f, of Section 3, "Compensation," shall be amended to read in their entirety as follows:

- a. Services. The County will pay the Contractor for services as and when set forth in Exhibit A, which is attached hereto and by this reference made a part of this Agreement.
- b. Overhead and Expenses. The Contractor's compensation for services includes overhead but does not include specific reimbursable expenses, which will be allowed only as and to the extent set forth in Exhibit B attached hereto and by this reference made a part of this Agreement.
- c. Invoices. The Contractor shall submit properly executed invoices to the County no more frequently than monthly. Each invoice shall include an itemization of the dates on which services were provided, including the number of hours and a brief description of the work performed on each such date. Each invoice shall also include an itemization of any reimbursable expenses incurred by the Contractor during the time period covered by the invoice, together with reasonable documentation substantiating such expenses, all in accordance with this Section 3 and Exhibit B. Subject to Section 8 of this Agreement, the County will pay such invoices within thirty (30) calendar days of receipt.
- f. Contract Maximum. Total charges under this Agreement, all fees and expenses included, shall not exceed \$3,258,267 (initial amount + 6 previous amendments + this amendment) for the initial term of this Agreement (excluding extensions or renewals, if any).

3. Except as expressly amended in this Amendment No. 7, the terms and conditions of the Agreement and prior Amendments to the Agreement remain unchanged and in full force and effect.


IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 7 to be duly executed as of the date set forth above.

SNOHOMISH COUNTY:

Lacey Harper Digitally signed by Lacey Harper
Date: 2023.01.25 11:27:02
-08'00'

County Executive Director Date

JA BRENNAN ASSOCIATES, PLLC

 1/9/2023
James A. Brennan, Principal Date

COUNCIL USE ONLY	
Approved	<u>1/25/2023</u>
ECAF #	<u>2023-0026</u>
MOT/ORD	<u>Motion 23-044</u>

Approved as to insurance
and indemnification provisions:

Approved as to form only:

Barker, Sheila Digitally signed by Barker, Sheila
Date: 2023.01.09 16:42:52 -08'00'

Risk Management Date

Legal Counsel to the Contractor Date

Approved as to form only:

/s/ Sean Reay DPA 1-6-23

Deputy Prosecuting Attorney Date



landscape architects & planners
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t | 206.583.0620 | w | jabrennan.com

Exhibit A

December 20, 2022

Kayak Point Day Use Area – Amendment 7 – Scope of Work for Phases 1 Bid and Construction Support

Prepared For:

Carol Ohlfs, Principal Park Planner, Snohomish County Parks and Recreation (Parks)

Consultant Team Roles:

- **J.A. Brennan Associates (JAB) | Landscape Architects and Planners:** Project management and lead for landscape architecture design, including construction drawings, specifications, permitting support, bid and construction support, and mitigation planting monitoring.
- **Reid Middleton, Inc. (RMA) | Civil & Structural Engineers:** Civil and Structural engineers providing general civil, building structural, and waterfront improvement services to support the bid and construction administration
- **Rolluda Architects (Rolluda) | Architects:** construction monitoring services, reviewing field reports, responding to Contractor's inquiries
- **Stantec | Electrical Engineers:** Bid support and construction support services
- **Coastal Geologic Services (CGS) | Coastal Engineers:** bid support and construction support services, environmental permit support
- **Shannon & Wilson (S&W) | Geotechnical Investigation:** bid support, construction support, and construction monitoring services, responding to Contractor's geotechnical inquiries
- **Marine Surveys & Assessments (MSA) | Environment Scientists:** eelgrass monitoring services
- **Raedeke Associates, Inc. (Raedeke) | Environment Consultant:** enhanced stormwater treatment feasibility concept environment consultation
- **Aqueous Solutions Engineering (Aqueous) | Septic Engineers:** sub-consultant work related to the proposed repair and modification of the Large On-site Sewage System (LOSS), including general project communication & coordination, design drawings, specifications, LOSS permitting support, and bid and construction support

- **Landau Inc. | Hydroacoustic Monitoring and Fish Monitoring:** Acoustic specialists and marine biologists providing hydroacoustic monitoring, assessment, and reporting as well as on-call support for fish monitoring during all impact pile driving activities

Scope Items

Parks has decided to proceed with bidding and constructing the Kayak Point Park project for Phase 1. JAB leads the consultant team to provide services for administration, bid support, construction support, permit support, project monitoring, and other services for Phase 1.

JAB and the consultant team completed and submitted 90% of the design to Parks in April 2021. Therefore, no design changes will be included in this amendment unless the permit requires it. Extensive re-design based on regulatory requirements may result in additional design services.

Parks decided to increase the construction value from 12 million to 18 million dollars. In addition, the timeline changed from Phase 1 construction starting in 2021 to Phase 1 construction starting in 2023, and it could even extend to early 2024.

JAB will continue working with the consultant team on environmental permit support, additional permit updates, bid support, construction support, and mitigation planting monitoring. Scope details and fee breakdown are as below, and Exhibit B shows.

This amendment includes the following additional work items:

Task A - Environmental Permit Support

A.1 CLOMA-F submission online

Amendment #3 included the development of the materials for permit submittal to FEMA. The CLOMA-F documents have been completed, but the online submission requires additional hours of consultant expertise to coordinate and manage the permit with FEMA. This includes the fees for the permit.

JAB Scope

1. JAB will coordinate with CGS and Parks on CLOMA – F submission online process.

CGS Scope

1. CGS will lead the online Flood Hazard Permit (CLOMA - F) application process.
2. Complete the required information and supporting documents to meet FEMA CLOMR application submission general requirements, including submitting the CLOMR-F application electronically. Responding to review comments and additional requests.
3. CGS will pay \$880 for the permit application fee online in advance. It is included in this amendment as a reimbursable expense.

A.2 Eelgrass Mitigation and Monitoring Plan (pre-bid)

An Eelgrass mitigation plan is required by the Department of Natural Resources (DNR) per the email exchange between the DNR and Parks. DNR requires an eelgrass specialist to complete the plan, and Parks must submit the plan before the aquatic land lease can be renewed for the pier.

JAB Scope

1. JAB will coordinate with MSA and Parks on Eelgrass Mitigation and Monitoring Plan (Pre-bid) and review MSA's draft and final reports. JAB will assist Parks in balancing the monitoring cost with the level of detail provided.
2. JAB will provide up to three (3) hours of review and support to balance cost vs. level of detail in monitoring. Extensive cost-cutting negotiations with regulators are not anticipated. The scope

includes typical adaptive management/BMP recommendations. The scope does not include the design of adaptive management solutions, which could be required after the completion of construction and can be added as an amendment.

MSA Scope

1. MSA will track project developments and review the latest permit requirements
2. MSA will lead the Eelgrass Mitigation Monitoring Plan draft, final version drafting, and Pre-construction eelgrass and submerged aquatic vegetation surveys
3. MSA will draft the eelgrass mitigation and Monitoring plan
4. MSA will draft an annual report on years 1, 2, and 5 per permit requirements
5. **Assumptions:** If the action area, requirements for mitigation, requirements, and protocols for submerged aquatic vegetation (SAV) from agencies for SAV change, such as a mitigation plan, we will need to adjust our fee.

A.3 Berm Operation and Maintenance/Monitoring Plan (Pre-bid)

The project's shoreline permit condition Number 4 requires Parks to submit a monitoring plan that sets project performance goals for the backshore berm. The condition states:

"Prior to construction, a qualified professional shall develop a monitoring plan for the long-term success of the backshore berm. Parks shall use the required monitoring as a basis for future decisions on necessary maintenance or adaptive management, or both, of the backshore berm. In the event contingency measures or additional development is needed, Parks shall coordinate a meeting with [regulatory agencies] to discuss potential options and regulatory procedures necessary to consider additional actions required to satisfy project performance goals."

JAB Scope

1. JAB will coordinate with CGS and Parks on Berm Operation and Maintenance/Monitoring Plan.
2. JAB will provide up to six (6) hours of review and support to balance cost vs. level of detail in monitoring. Extensive cost-cutting negotiations with regulators are not anticipated. The scope does not include the development of the design of adaptive management recommendations but will include a suite of potential adaptive management actions.

CGS Scope

1. CGS will develop the Berm Operation and Maintenance/Monitoring Plan (Pre-bid) and review the plan with Parks.
2. **Assumption:** The maintenance report should tell Parks when additional aggregates need to be installed, the correct sizes, and the standard best practices for installing cobbles when Parks would know that aggregates need to be installed.
3. **Deliverables:** Draft and final reports by CGS

Task B - Phase 1 Administration/Project Management/Coordination

B.1 Prepare invoices

JAB and the sub-consultant team will prepare monthly invoices, including subconsultant billings, and submit them to Parks per county procedures. CGS has added a fee to complete this work. Other team members have included it in other tasks.

B.2 Scheduling, budgeting & coordination

JAB will coordinate with the project team and Parks to update the schedule, ongoing budget monitoring, and team coordination through phone calls and meeting notes. The subconsultant team will provide support. CGS has added a fee to complete this work. Other team members have included it in other tasks.

Task C - Additional Design & Pier Improvements, Permitting Updates, and Building Structural Updates

Due to permitting delays and added permit requirements, the design will need to be updated to the new code. Storm damage was also reflected in the design changes.

C.1 Additional Pier Improvements

JAB Scope

1. JAB will communicate, support, and collaborate with RMA on additional design for the pier improvements.

RMA Scope

1. Review condition assessment report recommended replacement and repair items.
2. Update project drawings and specifications to include pier repairs, including required details.
3. Update project drawings and specifications to include additional pier pile replacement.
4. Perform structural calculations necessary for pier repairs and piling replacement.
5. Update the Pier Repairs Opinion of Probable Construction Costs to include additional pier repair and replacement items and update overall quantities and pricing.
6. Provide design coordination, QA/QC, project management and administration for pier repair and replacement items.

C.2 Permitting Updates

JAB Scope

1. JAB will communicate, support, and collaborate with RMA on additional permit updates for consistency across the design and permit drawing packages.

RMA Scope

1. Update project drawings and calculations for debris deflectors to incorporate pile stops and associated debris deflector and anchoring revisions.
2. Review the Critical Area Report and provide updated tables and calculations due to additional pier repair & replacement items.
3. Respond to WDFW Hydraulic Project Approval (HPA) questions and comments.
4. Provide updated comment responses and pier changes for Phase 1 LDA resubmittal.
5. Update JARPA permit drawings to incorporate additional pier repairs and replacement and update project summary tables.
6. Provide design coordination, QA/QC, project management and administration for permitting document updates.

C.3 Bldg. Structural Updates to 2018 IBC

JAB Scope

1. JAB will communicate, support, and review RMA work on Building Structural Updates to the 2018 IBC.

RMA Scope

1. Structural review of upland buildings for 2018 IBC
2. Update upland building drawings and structural calculations to meet 2018 IBC.
3. Provide design coordination, QA/QC, and internal project management and administration for upland building structural updates.

Task D Interpretive signage design (3 panels)

This task includes graphic design and text development for up to three (3) interpretive panels. JAB will lead the design. Parks will coordinate with others to provide fabrication for the construction project. It is assumed that the interpretive elements will be bid as part of the park construction in Phase 2.

D.1 Meetings

This task includes involvement in and preparing for meetings with Parks and the team. Meetings include kick-off meetings, check-in calls, and review meetings with Parks.

D.2 Development and Interpretive Sign Template

This task involves the development of parameters for an interpretive sign template. The parameters include size, color, layout, font, and logo. The template design process will consist of a draft, review, and final. A template will establish a cohesive signage design for the Kayak Point Regional Park.

Deliverables: Interpretive sign template

D.3 Interpretive Sign Design

JAB will provide the layout of up to three interpretive signs with minor assistance from CGS. Signage themes will be developed with Parks. Parks will provide preliminary text outline input and some images, if available, for each sign appropriate to the theme and layout. Signage artwork submittals include a preliminary draft, 50% completion, and 100% design completion. It is assumed that up to one (1) sketch will be original artwork. Other images will be photos, non-proprietary images in the public domain from the Tribe or Historical Society, other reports, documents, ETC. The final design files will be appropriate for fabrication by others. Specifications and coordination will be done by the sign panel fabricator selected by Parks. Fabrication costs will be paid to the fabricator by Parks. Provide plan location, United States Forest Service (USFS) standard sign mounting detail, and cost estimate for panels.

Deliverables: Print-ready art for three signs to the fabricator

Assumptions:

- Parks will provide coordinated, consolidated review comments at specified checkpoints
- Specifications will be prepared in CSI or general note format
- Parks cultural resources staff will assist in setting up meetings with the Tribes and assist in the development of tribal themes and stories to convey. JAB's collaboration time will be limited to meetings specified. A minimum of one (1) project meeting will be held at the tribal museum.
- Parks will provide consolidated comments at each step of the review. Additional review steps and comments may result in additional fees.
- Others will be responsible for sign fabrication and installation

Task E Bid Support for Phase 1 (Year 2022 or early 2023)

E.1 Sub-consultant PM, QC, invoice

JAB will assist Parks during the Phase 1 public bid process, including managing sub-consultants, providing QC, and invoicing. It is assumed that Parks will lead the bid process.

E.2 Additional Client meetings (up to 10, JAB only; Subconsultants up to 3)

JAB will meet with Parks for virtual meetings throughout Phase 1 bid and construction to address project status. Subconsultants are to be included, as shown in Exhibit B.

E.3 Answer Contractor's questions during bidding

JAB and the sub-consultant team will answer limited Contractor questions applicable to team members' discipline during the bidding process. Information will be provided for inclusion in the overall response to be prepared and distributed by Parks.

E.4 Pre-bid site meeting

JAB will attend one (1) in-person pre-bid site meeting. Parks will provide notes as needed.

Assumptions:

- Meeting notes will be taken and distributed by Parks

E.5 Addenda during the bid for Phase 1

JAB will help issue up to four (4) addenda, if necessary, during the bid process, one (1) drawing addendum, and up to two (2) additional addenda to answer the questions that come in will be issued.

RMA Scope

1. Provide technical input for up to four (4) addenda. Information will be provided for inclusion in overall addendum documents to be prepared and distributed by others.

Stantec Scope

1. Prepare up to three (3) addenda, if necessary, during the bid process

CGS Scope

1. Prepare up to one (1) addendum regarding the backshore berm and one additional addendum to answer the submitted questions.

S&W Scope

1. S&W will develop or support the development of one (1) drawing addendum and up to two additional addenda to answer the submitted questions during the bid phase.
2. **Assumptions:** Substantial geotechnical analysis will not be required

Aqueous Scope

1. Assist prime consultant in Phase 1 bid support services related to the LOSS modification and provide up to one (1) addendum.

E.6 Cost analysis to combine project into one phase

This task includes what JAB and the sub-consultant team have done and reported to Parks for the cost analysis to combine the project into one phase option in early 2022.

E.7 Construction Scheduling (Phase 1)

1. JAB will help Parks develop a general construction schedule for Phase 1 with the sub-consultant team's input. JAB will coordinate with Parks and the sub-consultant team.
2. **Assumption:** The schedule will be high-level in nature and will only show major tasks and in-water work windows

E.8 Road repair assessment at 80% design

JAB will assist Parks with access road repair assessment and coordination at 80% design.

E.9 Conformed set for Phase 1

JAB, RMA, Stantec, and Aqueous will prepare a conformed set to document removing the add-alternates that were not accepted, removing rev-clouds, removing revision notes from the title block, and adding a clean title block with a final date. Specifications can be modified to reflect material changes, execution processes, and product changes related to supply chain issues.

Task F Southern Restroom/Shelter Permit Response

JAB and Rolluda team will assist Parks with southern restroom/ shelter permit response. Parks will lead resubmitting all permit required documents. JAB and Rolluda team will attend virtual coordination and provide structure redesign drawings, cost estimates, and response memo.

F.1 Review permit comments and coordinate with architectural team

JAB and Rolluda will review the permit comments and coordinate to provide possible solutions to the Parks. Teams meetings are included in this task.

Rolluda Scope

1. Review the southern restroom permit comments from the County and coordinate with JAB to provide solutions.

F.2 Southern Restroom/Shelter redesign per permit comments

JAB will coordinate with Parks and Rolluda to find a preferred solution to response the permit comments and requirements. JAB will review the architectural redesign drawings set and the updated cost estimate. JAB will draft the permit comments response memo.

Rolluda Scope

1. Rolluda will redesign the southern restroom structure per Parks' comments and provide an updated cost estimate.

Task G Enhanced Stormwater Treatment Feasibility Concept

JAB and subconsultant team will assist Parks with the preliminary design of an enhanced stormwater treatment feasibility concept as requested by NOAA Fisheries to make the project fit within the SNNP Program if possible. This results in better water quality and a faster permit review time. JAB and subconsultant team will attend coordination meetings and provide concept drawings, cost estimates, and tech memo. Work will include research and the review of NOAA Fisheries provided design concepts. The scope for this work assumes we can use the existing site plan layout and grading with minor revisions to accommodate the treatment facilities. We will explore the use of proprietary solutions such as Contech and design ideas contained in the DOE 2019 Stormwater Manual and Technology Assessment Protocol – Ecology (TAPE) process.

G.1-G.3 Attend the meetings

JAB and other consultant teams will attend team meetings and coordination meetings with Parks, NOAA & Corps. JAB will assist in facilitating the meeting and capture design ideas on flip charts.

RMA Scope

1. RMA will attend coordination meetings.

Raedeke Scope

1. Raedeke will attend coordination meetings.

G.4 Develop alternative feasibility concepts

JAB and RMA will develop two enhanced stormwater treatment feasibility concept plan alternatives. JAB will provide sections and plan sketches to explore the implications of the stormwater facilities on the park in terms of function, maintenance, and aesthetics. JAB will also provide examples of our previous stormwater design projects in a park setting.

RMA Scope

1. RMA will lead to develop two enhanced stormwater treatment feasibility concept plan alternatives.

G.5 Develop preferred feasibility concepts

JAB and RMA will develop one preferred enhanced stormwater treatment feasibility concept. Products include plans and sections.

RMA Scope

1. RMA will lead to develop the preferred feasibility concept plan and section with input from JAB.

G.6 Cost Estimates

JAB and RMA will develop order of magnitude enhanced stormwater treatment feasibility concept cost estimates.

RMA Scope

1. RMA will lead to develop cost estimates for the enhanced stormwater treatment feasibility concepts (2 alternatives and 1 final version).

G.7 Tech Memo

JAB and RMA will develop an enhanced stormwater treatment feasibility concept tech memo which will highlight the description of the preferred plan, maintenance considerations and capital costs.

RMA Scope

1. RMA will lead to develop the tech memo for the final enhanced stormwater treatment feasibility concept plan (up to 3 pages).

Task H Construction Administrative Support for Phase 1 (Year 2023 through 2024)

JAB and the sub-consultant team will assist Parks with Phase 1 construction administrative work. Parks will lead the construction administration process. Team members will be available for up to four (4) virtual meetings or phone calls to coordinate issues in addition to specified construction meetings.

H.1 Forage Fish Monitoring Plan

This task is required to set the expectations and deliverables for the sampling strategy.

CGS Scope

2. CGS staff (including current WDFW-certified forage fish sampling staff) will prepare a forage fish monitoring plan as required by permits and ensure it will meet the approval of WDFW staff

H.2 Forage Fish Monitoring Sampling

The project's HPA permit requires this task from WDFW.

JAB Scope

1. JAB will assist in updating CGS on the construction schedule and needs for monitoring. JAB will provide appropriate base maps as needed. JAB will review monitoring results and discuss issues with Parks. Adaptive management design is not included.

CGS Scope

1. CGS staff (current WDFW-certified forage fish sampling staff) will visit the site before Phase 1 construction to determine what areas of the park beach have active spawning and which do not. Sampling is anticipated to be required when work occurs below the ordinary high-water mark (OHWM) every two weeks thereafter during beach-related construction to allow for continued beach work in individual areas by permit. Required reporting to WDFW will be completed after sampling. Requested sampling events are planned during allowed WDFW work windows, assumed to start just before the planned start of beach work (anticipated June 15 start date), and at two (2) weeks as

- needed during construction, for a total of up to four (4) sampling events during Phase 1 work.
2. **Assumptions:** Additional forage fish surveys beyond four surveys in Phase 1 will require an additional budget.

H.3-H.8 MSA Eelgrass Survey and Monitoring and Submerged Aquatic Vegetation Survey Scope

This task is required by the WA DNR as part of the aquatic land lease renewal to be coordinated by Parks. The deliverables include eelgrass and submerged aquatic vegetation (SAV) surveys and Year 1, 2, and 5 eelgrass monitoring led by MSA, as required by WA DNR per correspondence with Parks staff.

JAB Scope

1. JAB will assist with the coordination and QC of MSA work. The JAB team will not assist with adaptive management planning or re-design due to changes in eelgrass locations. The JAB team will not respond to regulatory concerns or coordinate with regulators.

MSA Scope

1. MSA will lead the eelgrass mitigation planning, monitoring, and surveys
2. MSA will provide post-construction eelgrass and submerged aquatic vegetation surveys
3. MSA will provide a draft and finalize the eelgrass mitigation and monitoring plan
4. MSA will provide draft and final monitoring reports per permit requirements in Years 1, 2, and 5.
5. **Assumptions:** If the action area, requirements for mitigation, requirements, and protocols for submerged aquatic vegetation (SAV) from agencies for SAV change, such as a mitigation plan, we will need to adjust our fee. In addition, any field days that are called for weather or visibility will be charged at half the daily rate, and the fee for the work done will remain intact.

H.9 Pre-construction Meeting

JAB, RMA, Stantec, CGS, S&W, and Aqueous will attend the on-site pre-construction meeting.

H.10 Review technical submittals and RFI's

JAB Scope

1. JAB will provide backup and support construction management by reviewing and responding to limited submittals and requests for information (RFI). JAB will review up to eighteen (18) submittals depending on the complexity. Parks may respond to many of the submittals directly. The JAB team will assist as possible within the hours specified.

RFI's and submittals for JAB could include the following examples:

- Clarify road protection requirements
- Clarify the survey and stake out
- Clarify barge access and discuss alternative approaches suggested by the Contractor, if any
- Verification of pile driving inspections
- Confirmation of limits of construction
- Confirmation of utility layouts and potential conflicts
- Confirm sub-grade inspection points
- Confirm layout coordinates
- Concrete submittals
- Crushed rock and other sub-grade submittals
- Soil submittals
- Plant submittals
- Substitution requests

RMA Scope

1. Review of technical submittals related to the Civil and Waterfront elements of the project. Up to eight (8) technical submittals for each design discipline are included.
2. Answer Contractor questions and respond to RFIs, including:
 - Up to fifteen (15) RFIs for upland Civil
 - Up to fifteen (15) RFIs for Waterfront

Stantec Scope

1. Stantec will review submittals and RFIs

CGS Scope

1. Review technical submittals relative to backshore berm
2. Review and respond on up to four (4) RFI's relative to backshore berm

S&W Scope

1. Review and respond to Contractor submittals, up to seven (7)
2. Review and respond to Contractor RFIs up to seven (7)

Aqueous Scope

1. Reviewing and responding to submittals, and requests for information (RFI), as related to the LOSS

H.11 PM, QA, QC (with each firm, internal)

JAB, RMA, CGS, S&W, Aqueous, and Landau will provide internal project management and administration. JAB will provide general project correspondence and coordination with the design team and Parks. JAB and the sub-consultant team will perform QA/QC for work and deliverables.

H.12 Up to 8 Modification proposals and 2 change orders

JAB Scope

1. JAB will provide backup documentation for Parks' modification proposals and change order issuance. Major design changes to the contract drawings during construction are excluded. Some clarification sketches will be provided to include changes and modifications. Provide up to eight modification proposals and two change orders.

RMA Scope

1. Assist JAB and Parks in reviewing and commenting on up to five change order proposals. Work could include sketching and cost review.

Stantec Scope

1. Modify proposals and prepare change orders

CGS Scope

1. CGS will provide modification proposals and change orders, up to two (2)

S&W Scope

1. Review and respond to modification proposals and change orders, up to six (6)

H.13 General correspondence and client meetings

JAB, RMA, CGS, S&W, and Landau will provide general correspondence with Parks and the team and attend occasional client meetings related to change orders and modification proposals, submittal reviews, and testing reviews.

JAB Scope

1. JAB will attend up to ten (10) Teams meetings during Phase 1 construction with Parks. These

meetings are virtual.

H.14 Assist with Construction Monitoring for permit compliance

JAB will assist the Parks project manager and construction manager with permit coordination up to the hours shown in the fee proposal spreadsheet.

H.15 Pre-installation meetings (RMA Only)

RMA Scope

1. RMA will attend pre-installation meetings on-site. Four (4) pre-installation meetings are anticipated:
 - One meeting stormwater system
 - One meeting water system
 - One meeting for the pier system
 - One meeting for the boat launch system

H.16 Site Visits, Including Float Manufacturer

JAB, RMA, S&W, Aqueous, and Landau will attend one kick-off and a limited number of site review meetings, including with the float manufacturer.

H.17 Concrete panel manufacturing visits

RMA Scope

1. RMA will attend up to two (2) concrete panel manufacturing visits

H.18 Engineer weekly construction calls

RMA Scope

1. Attend weekly construction meetings by telephone or online. Meeting minutes will be prepared by others. Estimated construction duration for each major project element and design discipline:
 - Upland Civil – six (6) months
 - Waterfront – six (6) months

S&W Scope

1. S&W will participate in virtual weekly construction calls

H.19 Construction observation

JAB Scope

1. JAB will provide up to fourteen (14) landscape architecture construction observations
2. JAB will provide support and input for sub-consultant team construction observations
3. Hours identified include preparation for site visits, including review of issues, coordination of meeting time, site visits, and typed visit notes

RMA Scope

1. Perform site visits to observe construction progress or respond to field questions. The site visits listed below will be spread out during active construction and do not include the punch list walk-through. These site visits will be coordinated with major elements of work on site. Field reports will be provided for site visits performed.
 - Eight (8) site visits for Upland Civil elements
 - Eight (8) site visits for Waterfront elements
 - Two additional Waterfront visits, one to float fabricator and one to ramp precast fabricator

Stantec Scope

1. Stantec will provide four (4) electric construction site observations.

CGS Scope

1. CGS will provide up to three (3) construction site observations for the beach and berm.

S&W Scope

1. S&W will provide construction observation and develop daily field activity reports for the boat launch foundation installation, up to two (2) site visits)
2. S&W will provide construction observation and develop daily field activity reports for structure shallow foundation subgrade preparation one (1) site visit)
3. S&W will provide construction observation and develop daily field activity reports for pier replacement pile installation, up to two (2) site visits)
4. **Assumptions:**
 - Others will perform full-time construction observation
 - The Contractor will provide S&W 24 hours advance notice prior to their services required on site.

H.20 Access Road paving and geotechnical analysis

JAB Scope

JAB will provide input and coordination on access road paving, geotechnical analysis, and additional geotechnical engineer site visits with Parks, S&W, and Contractors.

This scope assumes the following conditions will be written into the Specifications and enforced by the Parks construction project manager:

- The Contractor will check the stability of the access roadway slope
- The Contractor will design/construct any stability measures or temporary roadway measures needed along the access route.
- The Contractor will repair any damage to the access road prior to leaving the site.

RMA Scope

1. will assist in reviewing Contractor submittals for road paving requirements

S&W Scope

1. Respond to questions and review the Contractor's geotechnical analysis for the temporary access road design. Provide construction observation support for Contractor during road construction, up to one (1) site visit.
2. Provide geotechnical project management, coordinate with Parks and the Project Team, and perform geotechnical QA/QC on submittal documents.
3. S&W will provide additional geotechnical engineer site visits upon the Park's request.
4. **Assumption:**
 - S&W will not be responsible for developing the Final Geotechnical Construction Letter summarizing the geotechnical work and outstanding items during Phase 1. This document will be prepared by the full-time Parks representative, who will observe the geotechnical construction activities on-site.
 - S&W will not be responsible for monitoring the temporary erosion and sediment control measures implemented during construction.
 - S&W will not perform laboratory testing on existing on-site or import soil used for the project. The laboratory test results in compliance with project specifications will be provided for each soil used on the site from the source pit and/or the Contractor before its use on the project. The laboratory compaction test results will be provided to SW from the source pit and/or the Contractor before its use on the project.

- The Contractor will provide S&W 24 hours advance notice before their services are required on site.

H.21 Project close out services

JAB Scope

1. JAB will prepare a punch list and provide a punch list on-site walk-through before the project's substantial completion
2. Review completed construction to ensure punch list items have been corrected before the final acceptance
3. A final review upon post-punch list completion will be provided
4. JAB will provide input and review of Contractor's post-construction survey and reporting
5. The JAB team will prepare electronic media record drawings incorporating the Contractor's on-site "as-builts" survey

RMA Scope

1. Perform punch list walk-through and provide punch list items to JAB for the overall project punch list issuance. It is assumed that only one punch list walk-through is required for upland civil. Two (2) punch list walk-throughs are anticipated for the waterfront work, one each for the boat launch and pier system.
2. Perform a walk-through for punch list backcheck.
3. Prepare record drawings based on the Contractor's redline set. No field measurement and verification will be performed. As-built survey of stormwater systems, as required by Parks, is not included. It is assumed that the construction Contractor will provide the as-built survey as part of their redlines.

Stantec Scope

1. Stantec will prepare a punch list and post-punch list report.
2. Stantec will prepare electronic media record drawings incorporating the Contractor's on-site "as-builts" survey.

CGS Scope

1. Punch list site visit (1 visit)
2. Final review post-punch list completion (1)

Aqueous Scope

1. Aqueous will prepare a punch list prior to substantial completion and review completed construction to ensure "punch list" items have been corrected before the project's final acceptance.
2. Aqueous will prepare electronic media record drawings incorporating the Contractor's on-site "as-builts" survey.
3. Aqueous will attend general correspondence, client meetings, and site visits related to the LOSS.

H.22 One-year guarantee inspection

JAB, RMA, Stantec, CGS, and Aqueous will perform an on-site one-year guarantee inspection and prepare a report prior to the end of the 1-year guarantee period.

Task I Construction Acoustic Monitoring for Phase 1 (Year 2023 through 2024)

I.1 Construction acoustic monitoring

Landau will lead the construction acoustic monitoring service for Phase 1. This scope is currently required based on a preliminary biological opinion condition of permit approval from US Fish and Wildlife Services (USFWS) via email

to Parks and the Corps of Engineers. JAB will assist in scheduling the work and in reviewing products. Support is limited to the hours identified.

Landau Hydroacoustic Monitoring Plan Scope

1. Landau will prepare a Hydroacoustic Monitoring Plan for submission to the Washington Ecological Services Office. The Plan shall be submitted at least 30 days before the start of impact pile driving. The Plan shall be prepared in accordance with the "Underwater Noise Monitoring Plan" template prepared by the Fisheries Hydroacoustic Working Group.

Landau Hydroacoustic Monitoring Scope of Work

1. Landau will review all relevant drawings, types of piles to be driven, locations of each pile, pile driving schedules, and relevant materials.
2. Landau will prepare a Health and Safety Plan (HASP) in advance of all fieldwork, including hydroacoustic monitoring. The HASP will be prepared in accordance with Landau policy for work conducted on and near water.
3. Landau will conduct hydroacoustic monitoring of noise from at least five (5) piles proofed by impact hammer (approximately 105 strikes per pile) and mitigated by bubble curtains. Landau understands that a maximum of four (4) piles may be driven per day, lasting a total duration of just over three (3) hours per day.
4. Prior to each monitoring event, Landau will measure water depth to determine the optimal depth for hydrophone placement. Additionally, temperature, conductivity and other parameters will be measured, and calculations made to determine the approximate sound speed through the water in the immediate project area.
5. Hydroacoustic monitoring will be completed using one (1) or two (2) CR1 spot-calibrated hydrophones, a dual-channel SpectraDAQ-200 interface, and SpectraPLUS analysis software assembled by Cetacean Research. The cables of each hydrophone are 15 meters in length, sufficient to accommodate the monitoring depths and distances required for this project. Hydrophones will be attached to an anti-strum nylon cord and anchored in place. The cord will be attached to a static position at the surface to maintain the hydrophone's location.
6. Landau will take appropriate measures, when necessary, to ensure that flow-induced noise at the hydrophone will not interfere with the recording and analysis of the relevant sounds. If it becomes necessary to reduce the flow-induced noise at the hydrophone, a flow shield will be described and installed around it to provide a barrier between the irregular, turbulent flow and the hydrophone.
7. Landau will conduct monitoring from a boat or skiff anchored in place to ensure minimal movement from each monitoring location.
8. The location of hydrophones during monitoring will be selected in accordance with the criteria outlined in the Fisheries Hydroacoustic Working Group Underwater Noise Monitoring Plan template. Landau anticipates that for most measurements, two (2) hydrophones will be required and will assess whether a single hydrophone is appropriate following measurements of water depth at the pile being measured. Distances from hydrophone locations to piles will be measured using a laser range finder.
9. Landau will monitor the effectiveness of the bubble curtain to attenuate underwater noise levels. This will occur for each pile monitored for this project and will occur as early in the project as possible. The effectiveness of bubble curtains shall be determined following the protocol established by the Fisheries Hydroacoustic Working Group, using an on-off method during various stages of the piling activity.
10. Landau will monitor each pile driving event's duration and will record start and stop times, including times when bubble curtains are turned on or off. Real-time analysis will occur using the SpectraPLUS software loaded onto a field laptop and reviewed by the Landau observer aboard the boat or skiff. The Landau observer will communicate with the pile driving contractor on when pile driving will commence ensuring that the entire pile driving event is captured. During pile driving, Landau will make real-time observations of Sound Exposure Levels (SELs) for a single strike in dB (re: 1 $\mu\text{Pa}^2\text{-sec}$). Landau will coordinate with the Contractor on when the bubble curtain is turned on or off. Landau will inform the Contractor when, with the bubble curtain turned on, a single strike SEL exceeds

176 dB so that the National Marine Fishers Service (NMFS) can be notified. Landau will also monitor peak and root mean squared (RMS) sound pressure levels (SPLs) for each strike in dB (re:1 μ Pa), including both wide band and frequency spectrum resolution. At the conclusion of monitoring of the effectiveness of bubble curtains for a total of at least five piles, Landau will note whether single a single strike SEL is expected to exceed 176 dB during future pile driving activities and will compute the expected cumulative SELs for a full day of four (4) piles to confirm that it will not exceed 202 dB.

11. **Assumptions:** Landau assumes that four (4) days of monitoring will be required to complete monitoring of five (5) piles during testing of bubble curtain effectiveness. Landau may monitor for fewer days if monitoring of five piles, including testing of bubble curtain effectiveness, is completed in fewer days. If necessary or if requested, Landau may monitor more than five piles but assumes that additional piles could be monitored within the assumed timeframe of not more than four days. Landau assumes that hydroacoustic monitoring will occur during the same single phase of construction, in 2023, between July 15 and October 15. The cost for a skiff, including a licensed operator, is estimated and will be sub-contracted by Landau.

Landau Fish Monitoring Scope

1. At the start of impact pile driving, Landau will make available a Qualified Individual to provide guidance, on-call and as needed, on observing and reporting indications of dead, injured, or distressed fish. The Landau Qualified Individual is a marine biologist with extensive experience in construction monitoring who meets the NMFS qualifications for a marine mammal observer and who is qualified to provide on-call support, if needed.
2. **Assumptions:** Landau assumes a minimal effort will be required on an as-needed basis only.

Landau Hydroacoustic Monitoring Assessment and Reporting; Fish Monitoring Reporting Scope

1. At the completion of each monitoring event (i.e., each day of monitoring), Landau will download and complete an assessment of the measurement data. Measurement data will be assessed and documented in accordance with the Fisheries Hydroacoustic Working Group Underwater Noise Monitoring Plan template, including:
 - Number of pile strikes per pile and per day
 - For each recorded strike (or each strike from a subset):
 - The peak SPL
 - The RMS SPL across 90% of the strike energy (RMS90%).
 - SEL, measured across 90% of the accumulated sound energy (SEL90%).
 - For assessment of bubble curtain effectiveness, the maximum, mean, and range of the peak pressure, with and without attenuation
 - Maximum, mean, range, and Cumulative Distribution Function (CDF) of the RMS90%, both with and without attenuation
 - Maximum, mean, and range of the SEL90%, both with and without attenuation
 - Cumulative SEL (cSEL) across all the pile strikes
 - The frequency spectrum, both with and without attenuation, between 20 Hz and 20 kHz for up to eight successive strikes with similar sound levels
2. At the conclusion of impact pile driving, Landau will prepare and provide a monitoring report for submittal to NMFS's Washington Fish and Wildlife Office in Lacey, Washington. The report will demonstrate compliance with the hydroacoustic monitoring requirements of this project and will include the following information:
 - Dates of pile driving
 - The total number of piles installed
 - The number and duration of impact strikes per pile throughout construction
 - The size and type of piles driven and proofed below the mean higher high-water mark (MHHW), including which piles were driven during hydroacoustic monitoring
 - The impact hammer force used to drive and proof piles

- A detailed description of the bubble curtain, including the design specifications
- A description of hydroacoustic monitoring equipment
- The distance between the hydrophone(s) and the pile
- The depth of the hydrophone(s)
- The distance from the piles to the wetted perimeter
- The depth of water where the piles were driven
- The depth into the substrate that the piles were driven and proofed
- The physical characteristics of the bottom substrate into which the piles were driven; and
- The results of the hydroacoustic monitoring, including the frequency spectrum, peak and RMS SPLs, and single strike and cumulative SELs with and with and without the bubble curtain; the report will also include the decibel ranges and means for peak, RMS, and SELs for each pile

Sound-level data will be documented in tabular format as well as in graphical format. The report will include graphical illustrations and photographs of the hydroacoustic monitoring system and measurement setup, pile locations (including those not monitored), bubble curtain, and other pertinent information.

In addition to the above, the report will include a summary of the Park's compliance with the project description and conservation measures, including a summary of observations of dead, injured, or distressed fish, if noted.

Landau will coordinate with the Contractor to ensure the accuracy of all information provided in the monitoring report.

Projects Assumptions:

1. JAB assumes a new fee increase of 5% for 2023-2024 work, which has already been incorporated into the fee schedule proposed with this amendment contract
2. Design changes will likely be required between Phase 1 and Phase 2. However, the changes are not known at this time and cannot be scoped. It is anticipated that those changes will be needed in a future amendment.
3. Barge report by the Contractor. (Also, include this note in SPECS)
4. JAB does not provide contaminated soils remediation services. No contaminated soils are anticipated on site.
5. The Contractor will provide layout points beyond those already on the drawings
6. Others will monitor contaminated soil, water, or groundwater if required.
7. Others will provide soil compaction testing and other testing
8. Arborist services are not anticipated in this scope of work
9. S&W will provide periodic on-site support as indicated above. Parks will provide a full-time representative to observe and document subgrade preparation, grading, earthwork, compaction, pile installation, and all other geotechnical-related construction activities.
10. Construction administration is limited to the number of site visits identified in this scope of work and the hours allocated in the attached fee matrix.
11. Parks shall administer the project's construction phase process, including primary coordination and communication with the Contractor, processing contract documents and pay applications, verifying prevailing wage rates, and overall project management.
12. The Contractor will do a post-construction "As-built" survey and reporting using the project horizontal & vertical datums and submit it to Parks in AutoCAD .dwg file format and PDF.
13. The Contractor will provide engineering and design of the access road improvements and restoration.
14. S&W and RMA will review the Contractor submittal for the access road paving survey and Contractor-provided geotechnical analysis. JAB will provide input and coordination.

15. The following services are exclusions for JAB's team scope of work:
 - a. Tracking of the Contractor's progress
 - b. Daily on-site monitoring of the Contractor's work
 - c. Major design changes to the contract drawings during construction are excluded. Some clarification sketches will be provided to include change and modification proposals.
 - d. Preparing materials for and attending public meetings
 - e. Coordination or execution of any permitting-related monitoring and reporting beyond that specified in this scope
 - f. Services related to environmental permitting other than specific scope items identified
 - g. Inspections and testing services

Exhibit B

Snohomish County
J.A. Brenman Associates, PLLC
Kayak Point - Day Use Area - Fee proposal Amedment #7
Phase 1 Bid and Construction Support



WORK ITEM	DESCRIPTION	Total J.A. Brenman Labor/Exp	Total RMA Engineering	Total Rolluda Architecture	Total Stantec Electrical	Total Raedeke Environmental	Total CGS Coastal Eng.	Total S&W Geotech	Total MSA Enviro Science	Total Landau Acoustic Monitoring	Total Aquil Consultant	Markup (10%)	Grand Total
A	Environmental Permit Support												
1	CLOMA-F submission online	\$737					\$9,380					\$938	\$11,055
2	Eelgrass Mitigation and Monitoring Plan (pre-bid)	\$598							\$6,825			\$683	\$8,106
3	Berm Operation and Maintenance/Monitoring Plan (Pre-bid)	\$975					\$3,500					\$350	\$4,825
	Total Task A	\$2,310	\$0	\$0	\$0	\$0	\$12,880	\$0	\$6,825	\$0	\$0	\$1,971	\$23,986
B	Phase 1 Administration / Project Management / Coordination												
1	Prepare invoices	\$3,820					\$950					\$95	\$4,865
2	Scheduling, budgeting & coordination	\$13,550					\$700					\$70	\$14,320
	Total Task B	\$17,370	\$0	\$0	\$0	\$0	\$1,650	\$0	\$0	\$0	\$0	\$165	\$19,185
C	Additional Design & Pier Improvements, Permitting Updates, and Building Structural Updates												
1	Additional Pier Improvements	\$793	\$19,600									\$1,960	\$22,353
2	Permitting Updates	\$1,335	\$11,000									\$1,100	\$13,435
3	Bldg Structural Updates to 2018 IBC	\$1,102	\$5,000									\$500	\$6,602
	Total Task C	\$3,230	\$35,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,560	\$42,390
D	Interpretive Signage Design (3 panels)												
D-1 Meetings													
1	Kick-off meeting (Client/team virtual)	\$380										\$0	\$380
2	Check in calls (up to 4 1 hr meetings)	\$870										\$0	\$870
3	Coordination review - Meetings with city staff (up to 4 1-1/2 hr meetings)	\$1,620										\$0	\$1,620
D-2 Development and Interpretive Sign Template													
1	Define parameters for template (24 x 36 panel; Color, Layout, Font, Logo)	\$150										\$0	\$150
2	Panel template-Draft	\$920										\$0	\$920
3	Panel template-Final	\$775										\$0	\$775
D-3 Interpretive Sign Design													
1	Interpretive theme development (3 signs)	\$1,805										\$0	\$1,805
2	Identify images and write draft and final text (3 signs)	\$2,742										\$0	\$2,742
3	Draft interpretive sign layout (3 signs, size 24x36)	\$2,227					\$380					\$38	\$2,645
4	50% Interpretive panels (4 signs)	\$2,032										\$0	\$2,032
5	100% Interpretive panels (4 signs) includes design files ready for fabrication	\$1,586					\$380					\$38	\$2,004
6	Show panels on signage plan, details, cost estimate (NPS sign mounting standard)	\$436										\$0	\$436
7	Specifications for sign panels	\$1,621										\$0	\$1,621
	Total Task D (1-3)	\$17,164	\$0	\$0	\$0	\$0	\$760	\$0	\$0	\$0	\$0	\$76	\$18,000
E	Bid Support for Phase 1 (Year 2022 or early 2023)												
1	Sub-consultant PM, QC, invoice	\$4,210	\$649				\$473	\$970			\$600	\$269	\$7,171
2	Additional Client meetings (Teams) up to 10 meetings JAB - Subconsultants up to 3	\$4,278	\$1,000	\$300	\$500		\$700	\$700	\$400	\$400	\$500	\$450	\$9,228
3	Answer contractor's questions during bidding	\$2,988	\$1,794		\$832		\$855	\$5,050			\$150	\$868	\$12,537
4	Pre-bid site meeting	\$1,576	\$0		\$0						\$0	\$0	\$1,576
5	Addenda during bid process (JAB up to 4)	\$5,456	\$8,732		\$832		\$1,210	\$4,290			\$600	\$1,566	\$22,686
6	Cost analysis to combine project into 1 phase	\$9,585	\$2,000	\$1,800	\$1,600		\$1,600	\$1,600			\$300	\$860	\$19,045
7	Construction Scheduling (Phase 1)	\$6,049	\$2,000	\$300	\$500							\$310	\$9,459

Snohomish County
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WORK ITEM	DESCRIPTION	Total J.A. Brennan Labor/Exp	Total RMA Engineering	Total Rolluda Architecture	Total Stantec Electrical	Total Raedeker Environmental	Total CGS Coastal Eng.	Total S&W Geotech	Total MSA Enviro Science	Total Landau Acoustic Monitoring	Total Aqul Consultant	Markup (10%)	Grand Total
8	Road repair assessment at 80% design	\$1,097										\$0	\$1,097
9	Conformed set for Phase 1 (81 sheets) - 2.14 hours per sheet - plus specifications	\$6,118	\$8,000		\$2,000						\$1,000	\$1,100	\$18,218
	Total Task E	\$41,357	\$24,175	\$2,400	\$6,264	\$0	\$4,838	\$12,610	\$400	\$400	\$3,150	\$5,424	\$101,018
F	Southern Restroom/Shelter Permit Response											\$0	\$728
1	Review permit comments and coordinate with architectural team	\$728										\$0	\$728
2	Southern Restroom/Shelter redesign per permit comments	\$338		\$5,067								\$507	\$5,912
	Total Task F	\$1,066	\$0	\$5,067	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$507	\$6,640
G	Enhanced Stormwater Treatment Feasibility Concept												
1	Attend meetings with Parks (up to 3)	\$923	\$600										\$1,583
2	Attend meeting with NOAA & Corps (up to 1)	\$430	\$300										\$760
3	Attend team meetings / coordination	\$1,336	\$1,000			\$800							\$3,316
4	Develop alternative feasibility concepts	\$1,950	\$5,000										\$7,450
5	Develop preferred feasibility concept plan and section	\$2,714	\$8,000										\$11,514
6	Conceptual cost estimates (2 alternatives and final)	\$2,262	\$2,400										\$4,902
7	Tech memo (up to 3 page)	\$831	\$1,200										\$2,151
	Total Task G	\$10,446	\$18,500	\$0	\$0	\$800	\$0	\$0	\$0	\$0	\$0	\$1,930	\$31,676
H	Construction Administrative Support for Phase 1 (Year 2023 or early 2024)												
1	Forage fish monitoring plan (pre-construction)	\$1,252					\$2,900						\$4,442
2	Forage fish sampling (4 visits during phase 1 construction)	\$870					\$12,926						\$15,089
3	Pre-construction eelgrass and submerged aquatic vegetation survey	\$489						\$16,510					\$18,650
4	Post construction eelgrass and submerged aquatic vegetation survey	\$489						\$16,010					\$18,100
5	Year 1 eelgrass monitoring	\$879						\$8,960					\$10,735
6	Year 2 eelgrass monitoring	\$879						\$8,960					\$10,735
7	Year 5 eelgrass monitoring	\$1,084						\$8,960					\$10,940
8	Implement weather re-mobilization budget	\$40						\$9,225					\$10,188
9	Attend pre-construction meeting	\$1,721	\$1,500		\$655		\$1,085	\$2,460			\$620	\$632	\$8,673
10	Review technical submittals and RFI's	\$8,837	\$26,034		\$2,024		\$1,810	\$15,500			\$465	\$4,583	\$59,753
11	PM, QA/QC (within each firm, internal)	\$3,129	\$9,424				\$1,944	\$9,100		\$3,290	\$930	\$2,469	\$30,286
12	8 Mod. proposals + 2 Change orders	\$4,973	\$8,294		\$1,012		\$1,822	\$11,500			\$310	\$2,294	\$30,205
13	General correspondence, coordination and client meetings	\$9,257	\$6,612				\$900	\$3,800		\$3,840		\$1,515	\$25,924
14	Assist with construction monitoring for permit compliance	\$1,371										\$0	\$1,371
15	Pre-installation meetings (RMA only)	\$205	\$2,300									\$230	\$2,735
16	Site visits, incl. float Manufacturer	\$831	\$12,224					\$2,460		\$2,880	\$1,240	\$1,880	\$21,515
17	Concrete Panel manufacturing visit (2)	\$0	\$2,900									\$290	\$3,190
18	Engineer weekly construction calls with contractor	\$16,546	\$11,356		\$3,185		\$2,472	\$13,600				\$1,516	\$37,729
19	Construction observation - up to 14 visits for JAB (W/O RMA)	\$2,287	\$1,500		\$2,041			\$14,040				\$1,926	\$19,381
20	Access road paving and geotechnical analysis	\$17,625	\$19,122		\$2,041			\$14,040				\$1,554	\$44,882
21	Project close out services	\$2,871	\$2,000		\$2,000							\$650	\$10,021
22	One year guarantee inspection	\$75,635	\$103,266	\$0	\$10,917	\$0	\$28,960	\$76,260	\$68,625	\$10,010	\$6,580	\$30,462	\$410,715
	Total Task H	\$802	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$77,525	\$0	\$7,753	\$86,080
I	Acoustic Monitoring												
1	Phase 1 construction acoustic monitoring												

Snohomish County

J.A. Brennan Associates, PLLC

Kayak Point - Day Use Area - Fee proposal Amedment #7

Phase 1 Bid and Construction Support



WORK ITEM	DESCRIPTION	Total J.A. Brennan Labor/Exp	Total RMA Engineering	Total Rolluda Architecture	Total Stantec Electrical	Total Raedeke Environmental	Total CGS Coastal Eng.	Total S&W Geotech	Total MSA Enviro Science	Total Landau Acoustic Monitoring	Total Aqul. Consultant	Markup (10%)	Grand Total
	Total Task 1	\$802	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$77,525	\$0	\$7,753	\$86,080
	GRAND PROJECT TOTAL TASK A-1	\$1,659,381	\$181,541	\$7,467	\$17,181	\$800	\$49,088	\$88,870	\$75,850	\$87,935	\$9,730	\$51,846	\$739,689