

APPROVING HDR CONTRACT SUPPLEMENTAL 11 RELATING TO) RESOLUTION NO. 25-008
ENGINEERING)


Lindsey R. Pollock, DVM, Supervisor



**Washington State
Department of Transportation**

Supplemental Agreement Number 11		Organization and Address	
Original Agreement Number		HDR Engineering, Inc. 929 108 th Ave. NE Suite 1300 Bellevue, WA 98004	
N/A		Phone:	
Project Number		Execution Date	Completion Date
N/A		May 20, 2025	July 31, 2025
Project Title		New Maximum Amount Payable	
Water Retentional Facility Technical Services		\$14,153,168 \$14,153,868 <u>OW</u> <u>JB</u>	
Description of Work			
Technical support services for the Water Retention Facility and Airport Levee Project. This work is associated with providing information for use in the environmental review of the project (SEPA, NEPA, and associated review and consultation processes). See attached SOW for more information.			

The Local Agency of Chehalis River Basin Flood Control Zone District
desires to supplement the agreement entered in to with HDR Engineering, Inc.
and executed on 12/3/2020 and identified as Agreement No. N/A
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:

I
Section 1, SCOPE OF WORK, is hereby changed to read:

See the attachment for the amended scope of work. In summary, Supplemental 11 adjusts the scope of work and increases the cost by \$323,700 to conform to the RCO Contract funding for contract 23-1811 and to prioritize the work most needed, in the order most advisable, given available funding.

II
Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: Until July 31, 2025.

III
Section V, PAYMENT, shall be amended as follows:

The purpose of this supplement 11 is to amend the scope of work and increase the total contract by \$323,700. Work may proceed up to the maximum amount payable (~~\$14,153,168~~). (\$14,153,868) OW JB

as set forth in the attached Exhibit A, and by this reference made a part of this supplement.
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: Olivia Williams, Vice President

Consultant Signature

By: Scott Brummer, Chair

Approving Authority Signature

5-21-25

Date

Ex. A



16 April 2025

Mr. Ryan Barrett
District Administrator
Chehalis River Basin Flood Control Zone District
351 NW North St
Chehalis, WA, 98532

**Subject: Chehalis River Basin Flood Control Zone District
Chehalis Basin Strategy
Supplemental Agreement 11 – Scope Modification and Reduction for Supplemental
Agreements 07, 08, 09, and 10**

Dear Mr. Barrett:

HDR is providing this supplemental proposal in response to changes requested by the District and changes recommended by HDR to best utilize the additional \$323,700 that has been made available by the District. This letter summarizes the efforts associated with each modification request in accordance with the Terms and Conditions and existing scope including the Supplemental Agreements 07, 08, 09 and 10 (SA07, SA08, SA09, and SA10).

Summary of Recent Changes: SA09 deobligated \$80,000 in fee from Tasks 18.6 and 33 to support vegetation management plan efforts conducted by others. SA09 further deobligated \$173,789 of remaining funds within the fee obligated for SA04 through SA07 and transferred those funds into Task 46, the SEPA/NEPA Coordination scoped in SA08. SA10 deobligated a total of \$1,280,000.00 from the overall agreement funds, reducing the agreement to a total of **\$8,344,089**.

The scope adjustments presented within SA11 include a fee change of **\$323,700**. This increase in fee includes the addition of scope offset by proposed reduction in scope and addition of fees to the fee limit authorized by the District. Scope adjustments presented in SA11 were identified by both the District and HDR and align with the overall project goals agreed upon by the District. The following goals were established for SA10 and reflect the goals for SA11:

1. **Primary Goal** - Informing the Revised SEPA EIS: Provide the resources and expertise to respond to agency, tribal and public questions regarding the revised SEPA EIS.
2. **Secondary Goal** - Supporting and informing the NEPA EIS including Section 106 and ESA Consultation: Continue operational analysis and fish passage design in support of ESA continued consultation and the development of the revised Biological Assessment. Respond to NEPA EIS review questions and support District's Section 106 consultation efforts.
3. **Tertiary Goal** - Refinement of the project cost estimate: Focus on the high-dollar construction cost estimate adjustments such as the revised foundation objective and structural modeling. Do not advance design on components that are not necessary to support the primary and secondary goals.

The proposed changes are illustrated in the following table, noting the date it was identified and the reason for the requested change in scope.

Identified Scope Activity	Date Identified	Reason for Change
Operational Analysis	06/10/2024	Established to refocus scope to in support of ongoing NEPA/SEPA BA and Mitigation Planning efforts.
Chehalis River Water Service Elevation (WSE) Data Collection	11/7/2024	Scope and funding for work in the next biennium was not identified at the time the current scope was established.
Debris Collection Rate and Lower Collection Area	10/16/2024	Established scope was limited to a TM update, not including technical study or data collection.
Bridge Load Rating	10/2024	Bridge loading review was required to verify critical construction assumptions tied to the cultural resources.
Western Ridged Mussel Species Review	08/20/2024	Western ridged mussel species is a potentially new species proposed for listing under the ESA, which was unknown at the time the current scope was established.
Program Management	12/2024	The addition of specified program management tasks, which is currently under discussion with the client.
Hydrology	6/2024	Development and refinement of the alternatives and deliverables for the operation of the FRE directly supporting ongoing NEPA/SEPA, BA, and Mitigation Planning.
Hydraulic Design and FISH Passage TWG Collaboration	1/2025	Estimated adjustments to the fee presented in SA 10 require adjustment.
Cultural Survey – Additional ESA Fees	4/2025	A recent proposal from ESA requires an increase in Budget to cover the \$96.7K subcontract for Cultural Survey efforts.

Table 1, *Summary of Scope of Work Changes to Supplemental Agreement 07*, provided below describes the scope adjustments in SA 07 that pertain to the requested adjustments in SA 11.

Table 2- *Summary of Scope of Work Changes to Supplemental Agreement 08/09/10 – Preliminary Design*, provided below describes the reductions and additions to the current agreed upon Scope of Work SA08 with approved adjustments in fee from SA09 and SA10.

Table 3 provides a summary of fee changes including the reallocation of funds and addition of funds authorized by the District.

Unless otherwise indicated, the overall scope adjustments herein are not anticipated to impact the overall project schedule established and requested in Supplemental 08, 09, 10 and 11. However, risk of schedule delays are still present in the requested adjustments, specifically associated with review and permitting durations and milestones. For instance, if USFWS requires a survey before they can consult on impacts to

species this could delay USFWS consultation related to the permit completion. HDR will continue to monitor these delays as the project progresses, informing the District of potential known impacts.

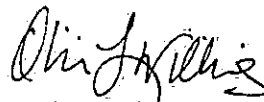
The proposed reductions and additions to the scope of work presented herein are estimates only and are not presented in detail in this agreement. HDR will continue to coordinate with the District on the specific scope needs as they arise for each additional task identified within this agreement and will continue to monitor the scope to identify required task adjustments necessary to support the District and Chehalis Basin Strategies' goals.

Thank you for the opportunity to offer our services for this project. HDR is fully committed and vested in the successful completion of this project. Should you require further clarification of this proposal, please contact Jerry Otto at 208-387-7022 or jerry.otto@hdrinc.com.

Regards,
HDR Engineering, Inc.



Jerry Otto, P.E.
Project Manager



Olivia Williams, P.E.
Vice President

Table 1 – Supplemental Agreement 11 - Summary of Scope of Work Changes. These Changes Modify, where shown, previous Modifications or Original Scope of Work Provided Within Supplemental Agreement 07			
Supplemental Agreement 07 - Scope of Work Changes & New Subtasks			
Task No.	Subtask No.	Task / Subtask Description	Supplemental Agreement 11 - Description of Scope Change
21	Hydrology		CHANGE
	21.1	Develop Hydro-Meteorological Dataset	At the request of the client, HDR's unregulated frequency analysis deliverable was removed from the Revised Project Description Report (RPDR) and will not be included in the upcoming Preliminary Design Report (PDR).
	21.2	Develop Hydrologic and Hydraulic Models	Revisions to Hydrology Tasks 21 and 34 in supplemental agreements 08 and 11 require model adjustments. Original models were removed from the RPD deliverable at request of client, and enhancements to HEC-HMS and HEC-ResSim models were required to support the operations analysis in revised Task 34.10, which will now be included in the upcoming PDR deliverable as part of SA 11.
	21.3	Develop unregulated frequency information	At the client's request, deliverables that included the unregulated frequency analysis as an input were removed from RPDR and will now be delivered in the PDR as part of SA 11.
	21.4	Evaluate reservoir operations — proposed water control plan (WCP), current climate conditions, 2 WCP alternatives	At the client's request, deliverables that included the operations analysis as an input were removed from RPDR and will now be delivered in the PDR as part of SA 11.
	21.7	Estimate unregulated streamflow quantiles for future climate scenarios	At the client's request, deliverables that included the unregulated frequency analysis as an input was removed from RPDR and will now be delivered in the PDR as part of SA 11.
	21.8	Evaluate reservoir operations — proposed water control plan (WCP), future climate scenarios for two WCP alternatives	At the client's request, deliverables that included the WCP's was removed from RPDR and will now be delivered in the PDR as part of the revised Task 34.10 in SA 11.
	21.9	Assess potential impacts of future climate scenarios on operations for two WCP alternatives	At the client's request, deliverables that included the potential impacts of future climate change on operations was removed from RPDR and will now be delivered in the PDR as part of the revised Task 34.10 in SA 11.

	21.10	Refine assessment of project performance using hydraulic routing	Revisions to Hydrology Tasks 21 and 34 in supplemental agreements 08 and 11 required model enhancements and modifications from what was included in the original RDP scope at the request of the Client. Enhancements to the HEC-RAS model required to support operations analysis in the revised Task 34.10 will now be included in the EDR deliverable.
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Table 2 - Summary of Scope of Work Changes to Supplemental Agreement 08, 09 and 10 – Preliminary Design

Supplemental Agreement 08/09/10 - Scope of Work Changes & New Subtasks			
Task No.	Subtask No.	Task / Subtask Description	Supplemental Agreement 11 - Description of Scope Change
1	Project Management		Change
NEW	1.2	Program Management	Addition of funds allocated into project management to cover the scope of services related to program management. This scope is currently under development but could include the following activities: 1) Assist in the development of available funding opportunities for the project, 2) Assist in the organization development and structural requirements to meet needs of design and operations, 3) Assist in the development of the organizational structure that may include the involvement of stakeholders.
34	Hydrology		CHANGE
	34.3	Enhance unregulated flow dataset	Revisions to Hydrology Tasks 34 in supplemental agreements 08 and 11 were made. Results from the enhanced HEC-RAS model was used to refine unregulated streamflow routing in HEC-HMS/HEC-ResSim models for use in subsequent analysis steps.
	34.5	Evaluate reservoir operations — proposed water control plan (WCP), current climate conditions, 2 WCP alternatives	Revisions to Hydrology Task 34 refocused scope in support of ongoing NEPA/SEPA, BA and Mitigation Planning efforts. The subtask analyses and deliverables are incorporated into revised Task 34.10 and will be delivered subsequent to the PDR.
	34.6	Estimate unregulated streamflow quantiles for future climate scenarios	Revisions to Hydrology Task 34 refocused scope in support of ongoing NEPA/SEPA, BA and Mitigation Planning efforts. The subtask analyses and deliverables are incorporated into revised Task 34.10 and will be delivered subsequent to the PDR.
	34.7	Evaluate reservoir operations — proposed water control plan (WCP), future climate scenarios for two WCP alternatives	Revisions to Hydrology Task 34 refocused scope in support of ongoing NEPA/SEPA, BA and Mitigation Planning efforts. The subtask analyses and deliverables are incorporated into revised Task 34.10 and will be delivered subsequent to the PDR.

	34.8	Assess potential impacts of future climate scenarios on operations for two WCP alternatives	Revisions to Hydrology Task 34 refocused scope in support of ongoing NEPA/SEPA, BA and Mitigation Planning efforts. The subtask analyses and deliverables are incorporated into revised Task 34.10 and will be delivered subsequent to the PDR.
	34.9	Identify PMF surrogate	This task is removed from SA 11 and incorporated into the Final Design phase.
	34.10	Operational Analysis	Refinement of the WCP Alternatives for the operation of the FRE directly supporting ongoing NEPA/SEPA, BA, and Mitigation Planning. Effort to analyze the existing WCP from the 2017 Anchor TM originally defined in Tasks 34.5 and Task 34.7 will be shifted to an expanded Task 34.10, focusing on developing candidate WCPs with operational flexibility. Analysis will be completed using storm events and a continuous current climate period of record dataset. A Hydrologic Engineering Management Plan (HEMP) was developed in coordination with the FCZD and verified through a workshop with FCZD and Kleinschmidt Associates to define this process over summer 2024. However, additional refinement to the proposed WCPs to identify the preferred WCP will occur beginning in January 2025 and will utilize return period storm events and a continuous period of record dataset based on future climate projections.
35	Topo and Bathy Data Collection		Change
	35.2	Survey USGS Gages	This subtask is removed from the scope. During execution of other portions of this task it was found that USGS gage location data was available without the need for survey. The removal of this subtask will support the proposed additional subtask Chehalis River WSEL Data Collection.
36	Geotechnical Investigation and Design		Change
	36.2.2	Landslide Evaluation	Removal of the remaining scope of work under this sub-task (Approx. \$29.2K) and reallocation to 36.2.4. The remaining evaluation should be conducted in the future but was not critical for the current deliverable or design.
	36.2.4	Foundation Excavation Objective	Supplemented by 36.2.2. This subtask is supplemented to address the unforeseen results of the 2024 geotechnical investigation which discovered deep weathered rock under the right abutment – requiring alternatives development to support a feasible solution to address these foundation characteristics.
	36.2.5	Foundation Treatment Systems	Supplemented by 36.2.6. This subtask is supplemented to address the unforeseen results of the 2024 geotechnical investigation which discovered deep weathered rock under the right abutment – requiring alternatives development to support a feasible solution to address these foundation characteristics.
	36.2.6	Seepage Analysis	Removal of the remaining scope of work under this sub-task (Approx. \$32K) and reallocation to 36.2.5. The remaining evaluation should be conducted in the future but was not critical for the current deliverable or design.
37	Hydraulic Design		Change

		Objective	<i>The scope of this task related to the hydraulic design of the conduits is modified to reflect input from NMFS under Task 45. The hydraulic design of the conduits will not be advanced to a 30% level of development. Instead, the hydraulic sensitivity of the conduits will be explored and outlet works configuration options will be developed and modeled.</i>
	37.2	Conceptual Hydraulic Design of Conduits	<i>Through execution of Task 37.2 it was found that writing a TM to capture the Task 37.2 results was not necessary to inform the NEPA process. The sensitivity analysis conducted in this subtask revealed that the outlet works configuration in the RPDR was relatively insensitive to modifications. The Draft Conduit Preliminary Hydraulic Design TM and hydraulic profile are removed from the scope for Task 37.2. Effort planned for development of the Task 37.2 TM and hydraulic profile will be applied to Task 37.3.</i>
	37.3	Preliminary Hydraulic Design of Conduits	<i>The analysis conducted in Task 37.2 revealed that hydraulic performance was relatively insensitive to dimensional changes in the outlet works. Three sets of modifications to the single configuration of the outlet works developed in Task 37.2 are not expected to result in acceptance by NMFS and are therefore removed from this scope. Additionally, performing work related to air entrainment and air bulking within the water column and characteristics of the discharge jet from the fish passage conduits will not efficiently advance the design to inform NEPA until the outlet works design is further advanced, therefore these items are removed from this scope. Funding of these removed scope items will be applied to the development and hydraulic modeling of approximately three outlet works configuration options as part of this subtask. The three options are intended to be further developed and evaluated in next contract, leading to selection of a single outlet works configuration that will inform the Biological Assessment. Development, modeling, and analysis of the outlet works configuration options will be documented in the Conduit Preliminary Hydraulic Design TM.</i>
NEW	37.9	Chehalis River WSEL Data Collection	<i>The scope and funding for work in the next biennium was not identified at the time the current scope was established requiring a change to this scope. The change in scope included a field monitoring program will be established to collect water levels and concurrent discharge data at the rock channel reach for use in hydraulic model calibration and validation. Continuous water level and photo imagery will be taken over a 12-month period. Equipment will be attached to the bridge, so no in-river work is proposed. Additionally, no permits are anticipated to be needed and are not proposed. This data will be retrieved on-site at a regular interval by HDR employees. Velocity and discharge data will be collected during three separate visits to acquire model calibration data covering the range of fish passage design discharges, as practicable. A stage-discharge curve will be developed for this location using the collected data and transformed flow data from the USGS Doty gage downstream.</i>

38	Structural Design		No Change
39	Mechanical Design		No Change
40	Electrical / I&C		No Change
41	Advanced Site Civil Design		No Change
42	(Optional) Airport Levee 30% Design		No Change
43	Advanced Constructability/Cost Estimate		Change
NEW	43.8	Bridge Rating Reviews	<i>The bridge loading review was required to verify critical construction assumptions tied to the cultural resources. This required minor scope adjustment to conducted and initial review of the bridges that are assumed to be utilized by the future contractor during their construction activities to determine if the existing bridge ratings would accommodate the assumed hauling activities, including documentation of country bridge ratings to accommodate assumed haul truck loads and the development of construction assumptions applicable to the associated design milestone.</i>
44	Preliminary Design Report		No Change
45	Fish Passage TWG Collaboration		Change
	45.2	TWG Meetings	<i>Replenish funds previously reduced through SA 10, because the estimated reduction was found to be too large in size to cover the remaining scope of work. The scope remains unchanged from SA 10.</i>
	45.4	Fish sounding TM	<i>Replenish funds previously reduced through SA 10, because the estimated reduction was found to be too large to cover the remaining scope of work. The scope remains unchanged from SA 10.</i>
	45.5	Conduit lighting for fish passage TM	<i>Replenish funds previously reduced through SA 10, because the estimated reduction was found to be too large to cover the remaining scope of work. The scope remains unchanged from SA 10.</i>
46	SEPA/NEPA Coordination and DAPA Update		Change

NEW	N/A	Cultural Survey – Revised Alignment – Additional ESA Fees	SA10 increased the budget for Cultural Resources Surveys by \$60K. A recent proposal from ESA to conduct the full Cultural Survey for the revised alignment and Quarry areas is \$96.7K. To fund this critical effort and based on the remaining ESA fee remaining in the current contract, HDR is adding an additional \$25K to this task to cover costs for ESA.
47	Update Biological & EFH Assessment		Change
NEW	47.9	Western Ridged Mussel Species Review	Western ridged mussel species is a potentially new species proposed for listing under the ESA, which was unknown at the time the current scope was established, requiring a change in scope to conduct a literature review, outreach to inform team on habitat use, suitability in action area. Develop effects analysis for construction and operation, once baseline information is available. Meet to discuss species with USFWS and determine if an exploratory survey will be required, which would need to be done between June 1 and September 30. A survey has not been included in this request at this time.
48	FRE & Fish Passage Facility O&M Summary		Change
NEW	48.2	Debris Collection Rate & Lower Collection Area	Conduct a site visit to Mud Mountain to speak with operators. Review Mud Mountain Operation & Maintenance manual. Interview Mud Mountain operators and debris collection contractor. Research to find other dams in PNW that have reservoir LWD collection operations; site visits, operational interviews, and review of operations plans for 2-3 other dams. Calculation of estimated LWD collection rate. Conduct a desktop analysis, research, and estimate of expected LWD load in reservoir for storm event sizes, sizing, and siting of collection area lower in the reservoir. Conduct a field visit to the lower collection area.
49	Agency/Tribes/OCB/Lewis County Coordination		No Change



Schedule

HDR proposes to perform the work described in this proposal in general accordance with the schedule provided in the primary deliverable list and Table 3 below. Task durations are preliminary and subject to change depending on the outcome of portions of the work and review comments from the district and other project stakeholders.

No changes to the schedule for the primary deliverables described in SA08 are proposed at this time, which include:

Draft Preliminary Design Report: June 20, 2025

Updated Biological Assessment: June 30, 2025

Final Preliminary Design Report: June 30, 2025

Estimated Program Costs

HDR proposes to perform the services described in the work scope on a time and expenses basis. A good faith estimate of program costs by task is provided in Table 3 below. HDR's total estimated program costs are based on the assumptions provided, professional judgment, and what was known at the time the work scope was developed. Accordingly, HDR's recommended budget does not cover or accommodate any and every circumstance that may arise. If additional tasks, unforeseen conditions, schedule delays or other unforeseen project circumstances arise, additional budget may be needed. Such a request would be the subject of an addendum to this scope, with additional or out-of-scope work performed on a time-and-expense basis.

The total fee for SA10 was **\$8,274,089**. The increase in total fee for SA11 is **\$323,700** bring the total authorized contract amount to **\$14,153,868**. The additional fee is replacing funds previously removed from the contract and is being implemented into the contract based on the goals outlined in SA10 and subsequent changes since the execution of SA10. Table 3 summarizes the fee increases for each of the tasks totaling \$323,700.

Table 3. Good Faith Estimate of Program Costs

Task	SA 10 FEE	FEE CHANGE	SA 11 FEE
1. Project Management	\$847,800	\$75,000	\$932,800
34. Hydrology	\$1,390,600	\$0	\$1,390,600
35. Data Collection	\$120,700	\$0	\$120,700
36. Phase 2 Geotechnical Investigation & Design	\$3,202,176	\$0	\$3,202,176
37. Hydraulic Design	\$422,974	\$105,800	\$528,774
38. Structural Design	\$499,856	\$0	\$499,856
39. Mechanical Design	\$51,840	\$0	\$51,840
40. Electrical I&C	\$37,300	\$0	\$37,300
41. Advance Project Drawings	\$136,000	\$0	\$136,000



42. Airport Levee 30% Design	\$0	\$0	\$0
43. Advance Constructability/Cost Estimate	\$156,954	\$0	\$156,954
44. Preliminary Design Report	\$284,400	\$0	\$284,400
45. Fish Passage TWG Collaboration	\$248,000	\$37,900	\$285,900
46. SEPA & NEPA Coordination, DAPA Update	\$322,889	\$25,000	\$347,889
47. Updated BA and EFH Assessment	\$297,600	\$25,000	\$322,600
48. FRE & Fish Passage Facility Operations	\$135,000	\$55,000	\$190,000
49. Agency / Tribes / OCB / Lewis County Coordination	\$120,000	\$0	\$120,000
TOTAL	\$8,274,089	\$323,700	\$8,597,789

Table 4 is provided as a crosswalk of the revised fees and tasks included in this agreement with the District's Recreation Conservation Office (RCO) contract.

Table 4. District RCO Contract Crosswalk

Supplemental Amendment 11 - RCO Contract 23-1811 Crosswalk						
Supplement 08 Tasks	RCO Task	Initial RCO Distribution	Supplemental 09 Total Authorized	SUPP 10	PM (Suppl 11) Distribution	Total RCO Task Budget
1	Distributed Equally Among 8 RCO Tasks		\$ 967,800		\$ 75,000	\$ 75,000
43	Task 1: Cost Estimate Development	\$ 135,000	\$ 231,400	\$ 262,929	\$ 0	\$ 262,929
37,45	Task 2: Fish Passage Advancement	\$ 750,700	\$ 985,100	\$ 897,649	\$ 143,700	\$ 1,041,349
38	Task 3: Geotechnical Design Advancement	\$ 2,975,000	\$ 3,397,500	\$ 3,378,151	\$ 0	\$ 3,378,151
40,48	Task 4: Operations Plan Development	\$ 810,000	\$ 1,688,300	\$ 1,668,875	\$ 55,000	\$ 1,723,875
39,41	Task 5: Structural Design Advancement	\$ 650,000	\$ 1,449,100	\$ 793,671	\$ 0	\$ 793,671
44	Task 6: Preliminary Design Report	\$ 245,000	\$ 284,400	\$ 390,375	\$ 0	\$ 390,375
46	Task 7: SEPA & NEPA Coordination	\$ 190,000	\$ 322,889	\$ 428,864	\$ 25,000	\$ 453,864
47	Task 8: Updated BA	\$ 135,000	\$ 297,600	\$ 403,575	\$ 25,000	\$ 428,575
49	Task 9: Agency/ Tribes/ OCB/ County Coordination			\$ 120,000	\$ 0	\$ 120,000
		\$ 5,890,700	\$ 9,624,089	\$ 8,344,089	\$ 323,700	\$ 8,667,789

Terms and Conditions

These services are proposed to be completed under the District's Services Agreement; Engineering Support for Chehalis Basin Avoidance, Mitigation, and Mitigation Efforts (AMM) and associated Terms and Conditions, executed on December 4, 2020 and subsequent amendments.

This proposal is valid for sixty (60) workdays from the date of submission. Thereafter, it may be subject to change.

EXHIBIT A

Task No.	Task Description	Supplemental 7 (Authorized)	Supplemental 8 (Authorized)	Supplemental 9 (Fee Change)	Supplemental 9 (Authorized)	Supplemental 10 (Fee Change)	Supplemental 10 (Authorized)	Supplemental 11 (Fee Change)	Supplemental 11 (Authorized)	Total Authorized Amount
1	Project Management (OCR Support)	\$302,000	\$987,800	\$0	\$987,800	(\$120,000)	\$867,800	\$75,000	\$922,800	\$1,878,989
2	Short Term Aquatic Species Benefits									\$15,845
3	Slope Stabilization Mitigation									\$11,863
4	Avoidance/Minimization of Falls and Fish Impacts									\$20,827
5	Revisit FRE Site Location									\$22,801
6	Construction Fish Passage Criteria									\$4,199
7	Construction Phase Fish Passage Design									\$18,788
8	Alternative Quarry Site Selection									\$8,105
9	Project Operational Review									\$2,622
10	Access Road									\$17,779
11	Sediment Transport and Geomorphology									\$3,146
12	Temporary Construction Facilities									\$15,603
13	Quarry Operations Advancement									\$4,888
14	Temporary Fish Passage									\$101,489
14.1	FRE AMM Alignment Alt. Fish Passage Design			(\$46)						\$250,714
15	Retention Facility Operations									\$0
16	Airport Levee - Phase 2 Support									\$41,775
17	Power Transmission Lines and Power									\$4,589
18	FRE Site Location/Site Selection			(\$46)						\$42,710
18.1	Kick-off Meeting			(\$305)						\$20,695
18.2	Geological Investigation			(\$9)						\$1,055,891
18.3	Phase 1 Design			(\$16)						\$222,284
18.4	Phase 1 Design and Geotech Tech Memo			(\$16)						\$112,982
18.5	Comparative Cost Tech Memo			(\$12)						\$75,589
18.6	Comparative Evaluation Tech Memo			(\$83,411)						\$12,289
18.7	Submittal for Ecology and Corps			(\$154)						\$61,846
18.8	Tech Support for Ecology and Corps Submittal			(\$22)						\$17,778
18.9	Environmental Coordination									\$128,200
19	Summary Dam Safety Standards									\$12,484
20	Consolidated Ongoing AMM Support			(\$164)						\$261,664
21	Hydrology	\$850,000		(\$209)						\$849,792
22	Data Collection	\$6,900		(\$93)						\$6,807
23	Geotechnical Design	\$92,000		(\$119)						\$91,882
24	Hydraulic Design	\$28,400		(\$127)						\$28,273
25	Structural Design	\$395,000		(\$13,079)						\$381,922
26	Hydro-Mechanical	\$190,000		(\$11)						\$189,989
27	Electrical I&C	\$0								\$0
28	Site Civil Design (Access Roads)	\$198,400		(\$17)						\$198,383
29	Constructability/Cost Estimate	\$83,200		(\$43,211)						\$39,989
30	Revised Project Description	\$101,500		(\$134)						\$101,366
31	Fish Passage Tech. Working Grp	\$33,100		(\$13)						\$33,087
32	Environmental Documentation Coordination	\$65,500		(\$42,217)						\$23,283
33	Update Vegetation Management Plan	\$154,000		(\$70,319)						\$83,682
34	Hydrology		\$1,390,600		\$1,390,600	\$0	\$1,390,600			\$1,390,600
35	Topo and Bathy Data Collection		\$120,700		\$120,700	\$0	\$120,700			\$120,700
36	Geotechnical Investigation and Design		\$3,397,500		\$3,397,500	(\$195,324)	\$3,202,176			\$3,202,176
37	Hydraulic Design		\$553,400		\$553,400	(\$138,426)	\$422,974	\$105,800	\$528,774	\$528,774
38	Structural Design		\$619,500		\$619,500	(\$119,644)	\$499,856	\$0	\$0	\$499,856
39	Mechanical Design		\$716,600		\$716,600	(\$864,780)	\$51,840	\$0	\$0	\$51,840
40	Electrical / I&C		\$157,300		\$157,300	(\$120,000)	\$37,300	\$0	\$0	\$37,300
41	Advanced Project Drawings		\$113,000		\$113,000	\$23,000	\$136,000	\$0	\$0	\$136,000
42	Airport Levee 20% Design (OPT/CRAL)		\$0		\$0	\$0	\$0	\$0	\$0	\$0
43	Advanced Constructability/Cost Estimate		\$231,400		\$231,400	(\$74,446)	\$156,954	\$0	\$0	\$156,954
44	Preliminary Design Report		\$284,400		\$284,400	\$0	\$284,400	\$0	\$0	\$284,400
45	Fish Passage TWG Collaboration		\$311,000		\$311,000	(\$63,000)	\$248,000	\$37,900	\$285,900	\$285,900
46	SEPA/NEPA Coordination and DAPA Update		\$148,100		\$173,786.00	\$0	\$322,889	\$25,000	\$347,889	\$347,889
47	Update Biological & EFH Assessment		\$297,600		\$297,600	\$0	\$297,600	\$25,000	\$322,600	\$322,600
48	FRE & Fish Passage Facility O&M Summary		\$140,400		\$140,400	(\$5,000)	\$135,000	\$55,000	\$190,000	\$190,000
49	StratComm Coordination					\$120,000	\$120,000	\$0	\$0	\$120,000
Contract/Supplemental Total:		\$2,500,000	\$9,450,300	(\$80,000)	\$9,624,089	(\$1,350,000)	\$8,274,089	\$323,700	\$2,597,983	\$14,153,668
Contract Cumulative Total:		\$5,809,868	\$15,250,168	\$15,190,168	\$9,624,089	\$13,830,168	\$8,274,089	\$14,153,668		