Chelan County Natural Resource Department
411 Washington St., Suite 201, Wenatchee, WA 98801

March 20th, 2025

CHELAN COUNTY NATURAL RESOURCE DEPARTMENT
PESHASTIN CREEK RM 4.3 SIDE CHANNEL PROJECT

ADDENDUM NO. 2

To the Contractors, Subcontractors, Planholders and Suppliers:

The following items contain additions, deletions, or modifications to the Plans and/or Specifications. This Addendum forms as a part of the Contract Documents. All updated contract Documents can be found at https://www.co.chelan.wa.us/natural-resources/pages/current-opportunities.

Bidders must acknowledge receipt of this Addendum on the Bid Proposal Declaration within the Bid Package.

CONTRACT PLANS

The following revision has been made to Imported Wood Quantities table on Sheet 2 of the Plans.

Revision 1 to Sheet 2: The slash bundle quantity has been corrected to read 26 each (EA). The original table mistakenly listed the units as cubic yards (CY).

IMPORTED WOOD QUANTITIES

Description	Units	Qty
Logs with Rootwad (30 'L, 18-24" DBH)	EA	67
Logs without Roots (40 'L, 15-21" DBH)	EA	14
Vertical Pile Logs (20' L, 14-18" DBH)	EA	25
Slash Bundles (3' Dia, 17-22' L)	EA	26

Refer to the notes on Sheet 2 of the Plans and Section 8-19.2(1)A of the Special Provisions for more information about the slash bundles.

END OF ADDENDUM NO. 2

X _____
Hannah Pygott, Sr. Natural Resource Specialist
Chelan County Natural Resources Department

Hannah Pygott
Mobile 509-670-9306
Email: Hannah.pygott@co.chelan.wa.us

All work shall conform to the 2024 edition of Standard Plans and Specifications of the Washington State Department of Transportation (WSDOT), and local standards unless indicated otherwise by the contract documents. In case of a conflict between the regulatory standards or specifications, the more stringent shall prevail.

In case of discrepancy, between notes, local regulations, or other contract documentation, Contractor shall obtain clarification/direction from Owner's Representative.

EXISTING DATA

Topographic survey collected by Inter-Fluve, Inc. on September 9-10, 2020. Survey data is referenced to NAD83 Washington State Plane, North Zone US Feet NAVD 88.

Lidar data solicited by Washington Department of Natural Resources as part of the 2015 Chelan County data set.

Aerial imagery provided by Chelan County from August 2020.

Property boundaries provided by Chelan County (GIS layer).

Ordinary high water (OHW) boundaries displayed in this set are the result of a field assessment in September 2020 coupled with hydraulic modeling by Inter-Fluve using USACE HEC-RAS 2D.

SOILS

Peshastin Creek alluvium (boulders/cobbles/gravels) and floodplain soils (silt/sand with cobbles and gravels exposed on surface).

UTILITIES

The Contractor shall be solely responsible for having utilities located prior to construction activities.

The Contractor shall immediately contact the affected utility service to report any damaged or destroyed utilities. The Contractor shall provide equipment or labor to aid the affected utility service in repairing damaged or destroyed utilities at no cost to the Owner.

WDFW IN-WATER WORK PERIODS

Work shall occur during the permitted in-water work period as stated in the hydraulic project approval.

FISH RESCUE

Contractor shall coordinate with Owner-provided Fish Biologist for fish salvage.

Contractor to support the effort by installing work isolation barriers and providing pumps, if needed.

CULTURAL RESOURCES

Immediately discontinue all ground-disturbing activities if the Work brings you into contact with any of the following cultural resources:

- Native American cultural artifacts (Examples: Flakes, arrowheads, stone tools, bone tools, pottery, etc.)
- Historic era artifacts (Examples: Building foundations, homesteads, shipwrecks, mining camps, etc.)
- Human skeletal remains and bone fragments

Do not touch or move the objects and maintain the confidentiality of the site. Follow the procedures identified in the Inadvertent Discovery Plan and await further direction from Chelan County.

CONSTRUCTION STAKING

Engineer will set additional primary control points prior to Construction.

Contractor shall stake project limits and install grade stakes and supplemental elevation control points, as needed. Some adjustments to the lines and grades should be expected per field direction by the Engineer or Owner's Representative.

The Contractor shall replace damaged or destroyed construction stakes at no additional cost to the Owner.

CONSTRUCTION ACCESS

Contractor shall flag the temporary access routes, staging areas, temporary stockpile areas, and limits of disturbance for Owner approval prior to mobilization of equipment or materials onto the site.

The Contractor is solely responsible for obtaining any required traffic control or access permits, and providing required traffic control measures including, but not limited to, signage and flaggers.

All equipment, materials and personnel shall remain within the designated limits of disturbance.

The Contractor shall keep the work areas in a neat and clean condition free of debris and litter for the duration of the project.

Temporary access routes in areas prone to inundation during the in-water work window shall be decommissioned before the end of the in-water work window.

When temporary vegetation removal is required for site access, vegetation shall be cut to ground level (not grubbed).

TREE PROTECTION

All trees not marked for removal shall be preserved and undisturbed. Construction activity shall not debark or damage live trees.

Keep out of drip line of all preserved existing trees unless otherwise approved by the Owner's Representative.

TREE SALVAGE

All trees to be removed shall be clearly flagged by the Contractor and approved by the Owner's Representative.

All removed non-invasive woody vegetation shall be incorporated into habitat structures as directed by the Engineer.

All trees removed within the approved clearing limits shall be felled whole with roots and branches intact and utilized in the large wood structures as directed by Engineer.

If excess material needs disposal outside of channel work, it shall be distributed on the floodplain as approved the Owner's Representative. The Engineer may direct the Contractor to partially bury large pieces of salvaged wood placed on the floodplain.

Remove soil from roots of salvaged trees before placement in the waterway.

EQUIPMENT

Mechanized equipment and vehicles shall be selected, operated, and maintained in a manner that minimizes adverse effects on the environment (e.g., minimally-sized, low pressure tires; minimal hard-turn paths for tracked vehicles; temporary mats or plates within wet areas or on sensitive soils). All vehicles and other mechanized equipment shall be:

- Stored, fueled, and maintained in a vehicle staging area placed 150 feet or more from any natural water body or wetland, or on an adjacent, established road area.
- Biodegradable lubricants and fluids shall be used in equipment operating in and adjacent to the stream channel and live water.
- Inspected daily for fluid leaks before leaving the vehicle staging area for operation within 150 feet of any natural water body or wetland.
- Thoroughly cleaned before operation below ordinary high water, and as often as necessary during operation, to remain grease free.

STAGING, STORAGE, AND STOCKPILE AREAS

Natural materials used for implementation of aquatic restoration, such as large wood, slash, plantings, streambed substrates, and topsoil may be staged within the 100-year floodplain at designated temporary stockpile areas shown in Plans.

Construction equipment storage, vehicle storage, fueling, servicing, and hazardous material storage shall be 150 feet or more from any natural water body or wetland, or on an adjacent established road area. Install, monitor, and maintain best management practices (BMPs) to prevent or intercept contaminants from entering stream or floodplain.

Excavated materials shall be stockpiled neatly in an approved location within the stockpile area.

Any material not used in restoration or not native to the floodplain, shall be hauled to an off-site for disposal in accordance with applicable regulations.

SLASH BUNDLES

Slash bundles shall be procured by the Contractor and created from 1 to 6-inch diameter woody vegetation harvested from an off-site location. Slash bundles shall measure approximately 3 feet diameter and 17 to 22 feet long. At least 50-percent by volume of the slash material have a diameter no less than 4-inches. Refer to Project Specifications for more information.

Slash shall be placed in the void spaces within the proposed large wood structures as directed by the Engineer in the field.

CONSTRUCTION QUANTITIES

CHANNEL LENGTHS

Channel Segment	Type	Length (FT)
Primary Side Channel	Seasonal	1,489
High Flow Channel	High Flow	788
Connector Channel	Seasonal	223
Subtotal Lengths	**Seasonal**	**1,712**
	High Flow	**788**
	Total Length	**2,500**

EXCAVATION QUANTITIES

Channel Segment	Volume (CY)
Primary Side Channel	3,900
High Flow Channel	1,350
Connector Channel	300
Total Excavation	**5,550**

STOCKPILED SUBSTRATE MATERIALS (ESTIMATE)

Description	Units	Qty
Streambed Substrate	CY	100
Riffle Substrate	CY	400
Streambed Fine Sediment	CY	20
Habitat Boulders - Type 2 (18-28 in)	EA	350
Habitat Boulders - Type 3 or 4 (28-48 in)	EA	150

LARGE WOOD STRUCTURE QUANTITIES

Structure Type	Units	Qty
Margin Habitat Structures	EA	5
Bank Buried Structures (Size Varies)	EA	11
Channel Spanning Structures	EA	3
Floodplain Roughness Structures	EA	2
PROJECT TOTAL		**21**

1 IMPORTED WOOD QUANTITIES

Description	Units	Qty
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Slash Bundles (3' Dia, 17-22' L)	EA	26

Construction Quantities Notes:

1. The excavation quantities are a neatline estimate of the earthwork required to complete the project. These quantities do not account for expansion or contraction.
2. The excavation quantities include the excavated pools, but do not include the excavation required to install the large wood structures.
3. The Streambed Substrate and Riffle Substrate quantities are provided to serve as basis for bid. The actual stockpile quantities may vary at the Owner's discretion due to conditions encountered in the field.
4. The habitat boulder quantities are also provided to serve as a basis for bid. The estimated quantity includes the boulders that are intended to be installed at the Inlet Structures, within the side channels, and in the proposed habitat boulder clusters in the mainstem. The treatments shown on the plans will be scaled down if the quantity of available boulders is less than the specified amount.
5. The bank buried large wood structures vary in size from two to six Logs with Rootwads. The large wood that is proposed to be placed at the inlet structures is included in the bank buried structure type in the above table. Refer to Proposed Conditions sheets and Large Wood Detail Sheets for more information.

BUREAU OF RECLAMATION

COUNTY OF CHELAN

inter·fluve

NICHOLAS RAFFERTY — STATE OF WASHINGTON — 44449 — REGISTERED PROFESSIONAL ENGINEER

2/10/25

ALWAYS THINK SAFETY

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

COLUMBIA/SNAKE RIVER SALMON RECOVERY PROGRAM
FCRPS HABITAT ENHANCEMENT PROGRAM - OREGON

WENATCHEE RIVER SUBBASIN

PESHASTIN CREEK RM 4.3 SIDE CHANNEL PROJECT

PLAN REVISIONS

#	DESCRIPTION	DATE
1	SLASH BUNDLE QUANTITY	3/20/25

MR
DESIGNED
GS, JR
DRAWN
--
CHECKED
TECH. APPR.
MR
APPROVED
ADMIN APPROVAL -

CHELAN COUNTY, WA FEBRUARY 10, 2025

GENERAL NOTES AND CONSTRUCTION QUANTITIES

SHEET 2

SHEET 2 OF 18

LAST SAVED DATE
2025-03-20
LAST SAVED BY
MRAFFERTY

CAD SYSTEM
AutoCAD 24.2s
CAD FILE NAME
USBR_PESHASTIN_60PCT-D.DWG