

**February 24, 2017**

**The following were questions asked at the Pre-bid Conference held February 22, 2017:**

**Engineering**

Q: Construction tolerances on culvert invert install:

A: Please add a row to the Construction Tolerances table on page 10 of the specifications.

Dimension	Tolerance
Culvert Invert/footing elevation	+/- 0.1 ft

Q: Will Quileute Tribe accept an alternate design?

A: All contractors should bid stream crossing 4 as the structure that they will construct according to the plans. Potential contractors, if they wish to propose an alternate structure, shall include in their bid packet a concept drawing, hand sketch is appropriate, of an alternate structure (with a minimum of 24 feet clear span toe to toe) and a lump sum bid to include engineering, materials, labor and equipment. If the selected contractor is able to offer an alternate structure at a similar price as the proposed arch, the Owner and funding entities will consider the alternative.

Q: Can we install an 8' culvert instead of a 10' culvert for easier backfilling for Site #1-3?

A: Yes. If the selected Contractor wishes to install a larger structure, 10' dia, an alternate proposal will be considered, accepted, and the design modified as needed.

Q: June 1 in-water window conflicts with July 17 start date. Hard end date Sept 30? Can do road work later?

A: The July 17 start date is firm. Contractor will not be permitted to begin any work on site prior to that date due to murrelet and owl restrictions on elevating the background noise level. End date of September 30<sup>th</sup> due to access for tribal members to Quillayute River for fishing grounds – no extensions past October.

Q: Verify cross drain lengths

A: Change culvert lengths in cross drain culvert table from 20ft to 30ft. Please note the additional bid item for additional optional cross drain culverts.

Q: What is the average high tide elevation on site 4 for dewatering coffer dam setup purposes?

A: It is estimated to be approximately elevation 95.5 relative to site 4's elevation control. Contractor should select their cofferdam and dewatering setup based on their observations and experience. Extreme high tides and or high flows due to storms may result in higher than normal water surface elevations.

Q: What is the desired end condition of borrow, spoils, staging area?

A: This site should be contoured to drain water in an unconcentrated manner and not pool. Excavation into the "floor" of the area is not permitted unless the area will drain either away from the road or through a cross drain. Slopes shall be left at a 2H:1V slope or flatter. Contractor shall refer to sheet 5 of 7 of the site plans for reference.

Q: What should be done with organic material in road prism? Seed and straw whole all material off the road? Just xings?

A: From Sta 38+00 to 60+00, Contractor may sidecast and/or push organics off the road to either side as can be seen was done with the existing berms. Contractor shall seed and straw sidecast within 50 ft of live water, at the designed stream crossings or as otherwise encountered. Sidecast material shall not obstruct drainage paths or ditchouts. Material at those locations may be pushed or moved to upland locations to allow drainage.

Q: Is hydroseed acceptable in place of seed and straw?

A: Hydroseed is an acceptable alternative to seed and straw mulch. If a contractor elects to hydroseed, the mix shall conform to specifications in Hydroseed on page 17 of the specifications.

Q: What should be done with the organic spoils at the end of Thunder Road (turnaround portion)?

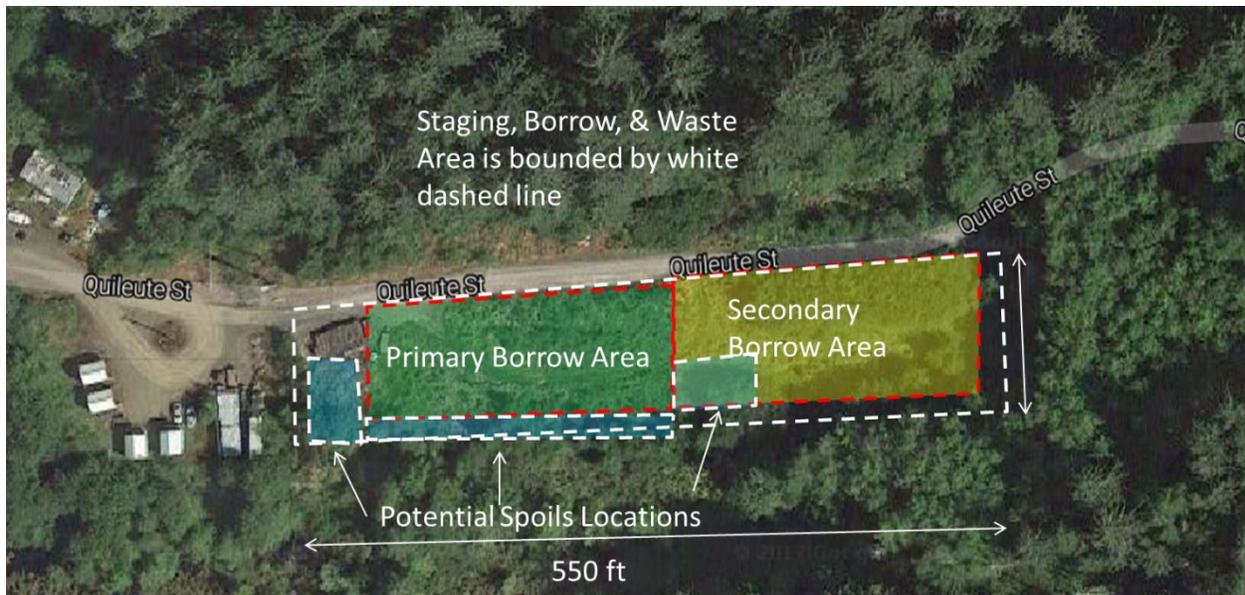
A: Contractor may spoil adjacent to the end of the road in cleared areas that shall be agreed on with the Owner. No trees shall be felled over 6 inches in diameter without Owner's consent. Spoils shall be placed in a manner similar to the detail shown on page 5 of 7 on the plans.

Q: Additional turnarounds &/or change dimensions of pullouts

A: Contractor is encouraged to use proposed pullout locations, as appropriate, and/or existing spurs first. If a Contractor wishes to add additional turnarounds to expedite their work, they may construct them at their discretion. The cost of the work shall be included in the lump sum road work bid price and the ballast rock in the unit bid price. Proposed locations shall be approved by Owner prior to construction and will not be permitted in drainage paths or wetland areas. Dimensions should not exceed 30ft deep, when measured perpendicular to the road edge, and 25 ft wide, when measured parallel to the road edge.

Q: Estimated quantity of material at staging area

A: It is estimated there is 4,200 cu yds in the primary borrow area at the staging area at the end of Thunder Road. The approximate footprint is 250 linear feet measured parallel to the road centerline beginning 150 linear feet from the fence line. The stockpile area measures approx. 100-150 feet deep measured perpendicular to the road. It is, on average 5ft deep when on level with the road. It is expected the top 4-6 inches will be removed to minimize the organic content in the fill material. The area available for removal for fill is roughly bounded by alders greater than 6 inches in diameter and wetland vegetation. Organic waste material and spoils from the staging area may be pushed or placed along the back edge of the area or in a location agreed upon by the Owner and Contractor. This fill material is provided by the Owner at no charge. There is no screening or processing required for the material. The organics will need to be scalped off the top of it where it is presently located.



Q: What brushing work does the Owner wish to see completed?

A: Brushing work shall be completed 5ft beyond the proposed constructed road edges. Additional brushing to facilitate sidecast of organics may be accomplished as necessary.

Q: What are the required extents of ditch construction?

A: Ditches shall be pulled/shaped to facilitate drainage of the road prism and direct flow to cross drains, ditchouts, or stream crossings. Please refer to the Table on page 7 of the road plan. 2,500 linear feet of ditch are estimated to be constructed.

Q: How far is end of loop at Thunder Fields from the river bank?

A: Approximately 50 ft. The Contractor should follow the existing wheel ruts on site for an alignment.

A: An additional Owner supplied source of road fill and streambed material has been made available. The Contractor would be responsible to load and haul. The GPS coordinates are 47.899678, -124.616445. There is no vegetation to remove off the top of this material. A unit bid for material coming from this source has been added should the Contractor elect to haul from this location or in the unlikely event that more material is needed than is available in the Primary Borrow area.

A: Page 8 of 8 on Crossing 4. Dimension between rocks should be 6ft instead of the current label of 5ft o.c. Owner will alternately accept ecology blocks with same spacing opening between blocks.

Q: Can a unit bid be added in the event of the discovery of unsuitable foundation soils that need to be removed and then replaced with rock and fabric?

A: **Alternate Unit Bid Items 12 & 13 Over-Excavation and Subgrade Reinforcement**

Due to the nature of the area, during excavation, unsuitable and/or poor foundation soils (unconsolidated blue clay or similar) may be encountered. In the event of encountering soils with little to no bearing capacity Contractor shall notify the Owner. The Owner or their representative will evaluate site conditions and direct the Contractor to A. proceed per plan or B. over excavate and/or reinforce the subgrade. Owner and Contractor will sign an agreement,

prior to beginning Unit Bid Items 1 & 2 work, stating the depth of over-excavation and type and extents of subgrade reinforcement. An example agreement is expected to be similar to the following:

*Contractor shall over-excavate 1ft below plan specified subgrade for the footprint of the structure + 3ft along all edges. Contractor shall compact subgrade with a jumping jack, plate, or boom mounted type compactor. Contractor shall place one layer of woven geotextile fabric (Mirafi 500x or equivalent). Contractor shall place a 1ft lift of quarry spalls over the extents of the fabric and compact. Contractor will then proceed per plan placing and compacting a 3 inch level course, placing the culvert, and then backfilling per plan.*

#### **Unit Bid Item 12 (Over-Excavation)**

Contractor shall include the cost of all equipment, labor, and materials required to over excavate, haul spoils to the spoils area, and maintain the spoils area by the yard should over-excavation be required. Additional dewatering measures, if any are required, shall be accounted for in this bid. The quantity to be paid by this item shall be measured by the following. The dimensions of the dump truck to be used to haul material shall be measured and the volume calculated. The number of loads hauled shall then be tallied and Contractor shall not proceed until Contractor and Owner agree on over-excavation being complete as specified and the number of loads hauled. Owner and Contractor shall sign on the original agreement sheet and construction will proceed per plan.

#### **Unit Bid Item 13 (Subgrade Reinforcement)**

Contractor shall include the cost of all equipment, labor, and materials required to purchase or produce, haul, place, and compact reinforcing fabric and quarry spalls. Additional dewatering measures, if any are required, shall be accounted for in this bid.

Q: Do any trees need to be felled?

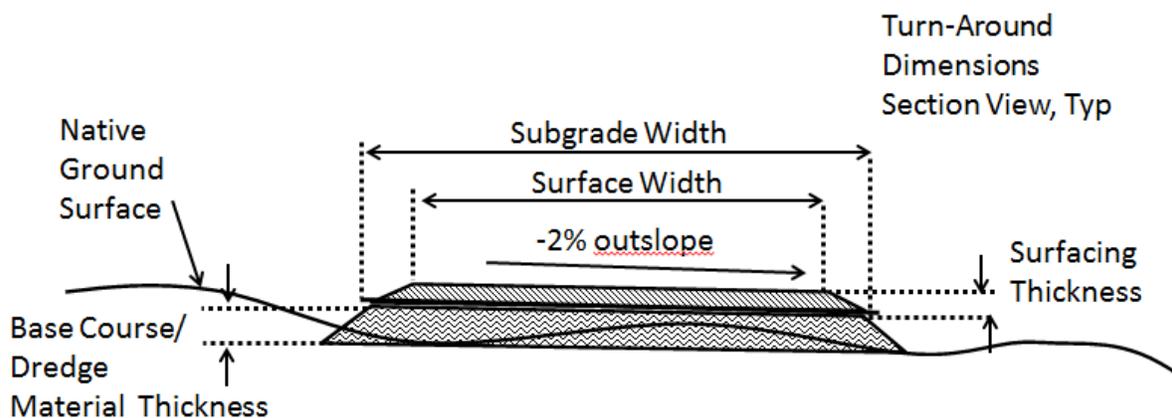
A: Yes, Site #1 has 2 alders and 1 hemlock; Site #3 has 1 alder; and Site #4 has 1 alder that needs to be felled. All trees can be left downstream on-site. The Contractor may elect to fell and/or limb additional trees and that shall occur at their discretion. No trees shall be felled, in addition to those already stated, without Owner's prior consent.

Q: Can the road be graded and rock on top?

A: Yes. Refer to Section 5 Road Work of the Road Plan. Areas with no to minor potholing need them filled and then the road graded – See Grading & Potholes. The portions of the road with significant potholes require that the holes be filled and then the road reshaped. Stretches of uneven (severely outsloped) road would be reshaped to match the provided detail on page 8 – See Reconstruction Work. Portions of the road with no base, Sta 56+50 to 65+50, would get 1ft of base/dredge material and then a crushed surfacing top course. - See New Construction Work. A surfacing thickness is not called on the road table. It should be 0.5ft deep. This crushed surfacing top course would be applied and compacted along the entire road length, 0+00 to 65+50.

Road Property	Measurement
Subgrade Fill (Only applies to New Construction)	1 ft
Surfacing Fill	0.5 ft

Revised New Construction Section Drawing



## Contracts Page

Q: Tribal General contract specifications. Unforeseen conditions, dispute resolution, bonding, liquidated damages, what if contract has to roll over to next year?

A: Dispute Resolution: contractor and tribe shall each make a good faith effort to resolve differences by discussion, and initiate this process by contacting persons. The Parties may agree to engage the services of a dispute resolution professional if they cannot resolve the dispute by discussion among themselves. Court shall be perceived as the last alternative and since the project is on reservation, it would be Quileute Tribal Court.

Q: What if contract has to roll over to next year?

A: The work shall be done as soon as reasonably feasible and shall prosecute the work diligently through completion. The desired completion date is September 30, 2017, but if conditions of Force Majeure intervene, a new completion date or extension may be negotiated by both Parties. Quileute is contracted with NRCS to have culverts replaced summer of 2017 and an extension through the funding agency would need to be applied for to do an extension.

Q: Is Thunder Road a secure site?

A: All equipment and materials are contractor's responsibility. Tribal police will be asked to patrol the area more frequently; however the contractor is held responsible. A gate and fencing can be installed to keep vehicle access out during the window of the project.

Q: Break B&O tax out on end?

A: No - The Contractor will pay to the Tribe B&O tax on services only (no tax on materials or supplies) and the Tribe will withhold applicable B&O Tax from each payment made under the contract.

Q: Use old personal services contract?

A: Must sign a new one – new PSC was updated March 2016.

Q: Contract with Contech? Do we have to purchase their footings?

A: Yes, we're locked into ordering from Contech. Contech has agreed to ship materials to Arlington by May and deliver material to La Push when project is ready in July or earlier if Contractor requests to have it stored in La Push at own risk. The Contractor must sign contract with Contech by March 15<sup>th</sup> to start the ordering process to meet the dates, however payment is not due till 30 days after the products are delivered.

Q: Can we use precast strip footings or cast in place footings?

A: See Bidder Solicitation Document - it is the Contractor's preference as to what they prefer and is cost-beneficial to the operator.

Q: Unit bid for road material + cross drain

A:

**Unit Bid Item 14 (Additional Cross Drain Installation )**

Owner and Contractor may elect to install additional cross drain culverts to facilitate drainage and reduce earth work required to contour the road. Contractor shall include the cost of all equipment, labor, and materials required to purchase, deliver, excavate, bed, install, backfill, and compact fill around a cross drain culvert.

Then add another row to the table and just add the bottom row of the table below.

Bid Item	Description	Lump/Unit?	Bid Price
14	Additional Cross Drain Culvert Install	Unit Bid	

Q: Crabbing equipment gone out of staging area prior to start of work?

A: Yes, all crab pots and materials at the beginning of Thunder Road Project will be removed from the work area.

Q: Is there state sales tax

A: No sales tax applies if delivered to the Quileute Reservation.

Q: Will there be incremental Process Payment scenario available?

A: Yes, low bid will be required to provide a schedule of values. The Tribe will setup a schedule of values and project schedule with the selected bidder to process payments. The selected Contractor will be paid the Contract Price in installments by invoicing Quileute Tribe every 30 days and upon full completion of the Project including walk-through, punch list items, certifications from partner/funding agencies (SRFB, NRCS, WDFW), and acceptance buy the Quileute Tribe.

Q: Can we store the culvert on the reservation securely? Who will take responsibility for it? Who will unload the culvert if delivered before the start of construction? How large will the pre-cast blocks be from Contech?

A: The materials can be stored at the water tower/recycling storage in La Push which is behind a locked gate (only key access if from Quileute Utilities; however there is foot access around gate). The contractor will take responsibility for materials if this route is chosen. It is possible for the materials to be shipping to La Push before construction start date and Quileute has a crane that can assist with unloading the materials.

Q: Do we require a bid bond?

A: No