



3628 South 35th Street  
Tacoma, WA 98409

Date January 15, 2021

Subject: Cowlitz River Barrier Dam Left Side Scour Area Infill  
Specification Number PG20-0378N

The following questions were asked during the pre-bid site showing, January 14<sup>th</sup>, 2021 at 10:00am.

All responses below are by undersigned.

1. Are the contractors free to limb trees along the road for access?  
Response: Yes, the contractor is free to limb trees as needed. This shall be incidental to the contract.
2. Are the contractors free to widen the road as necessary for access?  
Response: Yes, the contractor is free to widen the road as necessary. This shall be incidental to the contract.
3. Do we have any data on the height of the water over the Barrier Dam for a given flow?  
Response: (Note the flow rate during pre-bid was between 14,000 and 15,000 cfs)

2,500 cfs	2.0 feet
5,000 cfs	4.5 feet
10,000 cfs	4.0 feet
15,000 cfs	5.5 feet
4. Lower bench, downstream of the Barrier Dam
  - a. Can the contractors stockpile material on the lower bench, downstream, of the Barrier Dam?  
Response: Yes, the contractor may stockpile material on the lower bench, downstream, of the barrier dam.
  - b. How can the contractor access this area?  
Response: Site improvements to access the lower area is allowed. Contractor's can use the existing "ATV" trail.
  - c. Is part of this property on DNR land?  
Response: Yes, however Tacoma Power has an easement with DNR for access repair and maintenance of the barrier dam. All of this work is under this easement.
5. It was mentioned that angular rock may be substituted for the Zone 3 material per the specification, is this acceptable?  
Response: Use the rock as written in the specifications issued for bid for all Zones, including Zone 3.

6. What is required for as-builts from the contractor?

Response: Provide visual as-builts as best as can be determined by the contractor based on placing method. It may be possible to use a crane bucket to help determine elevations if that's the method of placement.

Tacoma Power may do a confirmation bathymetry at their expense.

7. How close can equipment be placed to the concrete retaining wall?

Response: The contractor is responsible for the placement of equipment and verification of the capacity of the concrete wall to resist the loads imposed by that equipment and/or construction method.

Regards,

A handwritten signature in blue ink that reads "Tim Nordstrom". The signature is fluid and cursive, with a long horizontal stroke extending from the end.

**Tim Nordstrom PE SE** | Civil Structural Engineer | Generation

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C: Contract Compliance  
Asst. Generation Manager