



Oregon

Theodore R. Kulongoski, Governor

Department of Transportation
Technical Services
Roadway Engineering Section
355 Capitol Street NE, Room 222
Salem, OR 97301-3871
Telephone 503-986-3714
FAX 503-986-3749

February 12, 2010

TO: Prospective Bidders

RE: CONTRACT NUMBER 14165
KEY NUMBER 14032
I-84: SANDY RIVER – JORDAN ROAD – BUNDLE 210
COLUMBIA RIVER HIGHWAY
MULTNOMAH COUNTY
GRADING, DRAINAGE, STRUCTURES, PAVING, SIGNING, ILLUMINATION &
ROADSIDE DEVELOPMENT
BID LETTING DATE: FEBRUARY 18, 2010
LETTER OF CLARIFICATION #8

The following information is provided in response to questions or issues of significance that have been raised by one or more prospective bidders.

116. Item/Question: Based on the response that ODOT gave regarding First Tier Subs not being required to be disclosed are we going to receive new bid books without the subcontractor tier requirements?

ODOT Clarification/Response – *Addenda #8 has been issued informing bidders that the Subcontractor Disclosure Form in the Bid Booklet is not required for this Bid. It is deleted in its entirety. Addenda #8 eliminates the need for ODOT to issue new Bid Books.*

117. Item/Question: Will Bid Express be modified so that we can submit prices without filling out a First Tier Form?

ODOT Clarification/Response – *ODOT has made a change to Bid Express that will allow bidders to submit prices without filling out a First Tier Form for this project.*

120. Item/Question: Pg 199 of the specs 00960.47 says to submit wood pole designs. How do we know what size poles are needed? How can we know the difference in elevation between the roadway and the ground line where the temp poles are located

ODOT Clarification/Response – *The station and offset of the temporary wood poles are shown on sheet I-1577. Determine the relative difference in elevation from the ground at the pole to the roadway surface at those locations using the cross sections that are available on the ODOT ftp site at <ftp://ftp.odot.state.or.us/obdp/Bundle%20210/As%20Constructed/>. Use the mounting heights shown on the plans to determine how tall the poles need to be above the ground line. Then add the burial depth of 10 feet as shown in the temporary wood pole base detail on sheet I-1576 to get a total pole length.*

121. Item/Question: There is a bid item for slip base poles but the pole chart only shows fixed base

ODOT Clarification/Response – *The slip base items are not required on this project as all metal illumination poles are fixed base. This item will be eliminated from the bid schedule.*

122. Item/Question: On sheet ITS 782 is there fiber optic conduit between the west end of the bridge and the new JB/C on south side of EB lane

ODOT Clarification/Response – *Yes, the line is shown on the sheet.*

123. Item/Question: Regarding the Ornamental Protective Fencing (reference drawing 81363), I have two questions:

- a. Does the vertical HSS 1 x 1 x 1/8 tube pass through the channel, or is it broken into two pieces and get welded above and below the channel?
- b. The general note for the welded wire mesh states to place and weld on the outside face of the fence, but the details show it tight to the HSS 1 x 1 x 1/8 tubes. Please confirm that the mesh is to be installed tight to the vertical bars, and all of the mesh is to be cut on a radius above and below the channel.

ODOT Clarification/Response –

- a. *The vertical HSS 1 x 1 x 1/8 tube passes through the channel.*
- b. *The mesh is to be installed tight to the vertical bars as shown in the typical section. The mesh is to be cut on a radius above and below the channel.*

124. Item/Question: I have a question pertaining to the chain link fence. In reference to CL-6, plan page 3a, 4b, and 5a call out for color #4. I have seen no other reference to this. The specifications say to comply with 01050 of the standard specifications, which have no reference to color. Clarification of this would be appreciated.

ODOT Clarification/Response – *This will be clarified in an addendum.*

125. Item/Question: As per our earlier conversation, on welding the weld vinyl wire mesh to the fence. This is not recommended because to the discolor of the vinyl due to the heat and the repair of the galvanizing on the fence. REF SHEET 81363. Need another attachment plan for the mesh to the rail.

ODOT Clarification/Response – *The welded wire mesh is to be powder coated. The specification will be modified by addendum to clarify this.*

126. Item/Question: I'm looking for a clarification on drawing #81363 It shows the 2" x 2" x 1/4" welded wire fabric being welded directly to the pickets. My question is how is this going to work if we have a C3 x 5 channel centered up on the pickets this would hold the welded wire away from picket 1" or we would have to cut welded wire around C3x5 channel at top and bottom.

Columbia River Highway

Multnomah County

Grading, Drainage, Structures, Paving, Signing, Illumination & Roadside Development

Bid Letting Date: February 18, 2010

ODOT Clarification/Response – *The mesh is to be installed tight to the vertical bars as shown in the typical section. The mesh is to be cut on a radius above and below the channel. The welded wire mesh is welded directly to the picket.*

127. Item/Question:

- a. My question is detail shows that we are suppose to weld vinyl mesh to steel this will burn off the vinyl coating is this the intent what should be used for patching vinyl? The patch I've seen are ugly looking not a nice finished product.
- b. the HSS 10 x 4 x 3/8" welded to the HSS7 x 5 x 1/2" can we use 12" instead of 10" so we don't need to get the small piece of metal bent and then filling the bottom to close up opening ?
- c. Can this be inside sleeved at each post base?

ODOT Clarification/Response –

- a) *The welded wire mesh is to be powder coated. The specification will be modified by addendum to clarify this.*
- b) *Yes. HSS12 would be an acceptable substitute. Revised weld details would be needed to conform to this change.*
- c) *No. The sleeve needs to be placed as per detailed ODOT Std. Dwg Br214.*

128. Item/Question: We are in receipt of addenda #9. We need more information to be able to establish a rate for this builders risk insurance. What bid items constitute “the completed bridges”? Does this include the end panels, does this include the barrier and fencing, does this include the architectural treatment, does this include the excavation and backfill items, etc.?

ODOT Clarification/Response – *This will be further clarified in an addendum.*

129. Item/Question: Will the Agency please post who they received technical proposals from today?

ODOT Clarification/Response – *The list of firms submitting technical proposals will be announced at the public bid opening on February 18.*

130. Item/Question: On drawing #81361 note refers to CL-6 fence (colored no 1 vinyl) is this a typo? There is no mention of this in specifications section 01050- Fences, or on drawing #RD815

ODOT Clarification/Response – *Fence coating requirements will be clarified in an addendum.*

131. Item/Question: In Addenda # 7 Bid Item 1900 Native Backfill was deleted which was associated with wall # 5 Is there still Native Backfill required? If so what is the quantity? And how do we get paid for it?

ODOT Clarification/Response – *Native backfill is still required for Wall #5 but payment will be incidental to the Structure Excavation pay item. An estimated quantity will be added to the special provisions by addendum.*

Columbia River Highway

Multnomah County

Grading, Drainage, Structures, Paving, Signing, Illumination & Roadside Development

Bid Letting Date: February 18, 2010

132. Item/Question: Please let me know If the wages for the flaggers in the boats are different then when on the road and how do we figure the wadges of the boat driver and do they have to be flaggers. also the cost of the boat is it the cost of renting the boat

ODOT Clarification/Response – *The bid item Temporary River Flagging is inclusive of two boats complete with operator and flagger for each. The boat operator does not have to be qualified as a flagger. Labor costs are up to the contractor to determine.*

133. Item/Question: Dwgs. 81329 & 81376 show that the bearing sole plates might be bolted to the girder bottom flanges. However, Dwgs. 81358 & 81404 clearly show the bearing sole plates field welding to the girder bottom flanges. Depending on the height of the bearing assemblies, it could be extremely difficult to make the welds called out. Will there be consideration for a bolted option?

ODOT Clarification/Response – *Welds have been detailed for these connections to facilitate Contractor's erection. If alternate, bolted connections are desired the designed substitution could be presented as a Cost Reduction Proposal for the Engineer's evaluation.*

134. Item/Question: Addenda #7 provides revised quantities for structure excavation. I see a potentially large discrepancy in the excavation quantities for Bents 2-4 on both bridges (Inside the cofferdams):

- Is it intended that the excavation through the seal concrete gets paid as structure excavation?
- If answer above is yes, I believe your quantities are off by roughly a factor of two. Did your takeoff include the fact that there are 2 cofferdams per bent location?

ODOT Clarification/Response – *It is not intended that the excavation for the seal concrete get paid as structure excavation (see Structural Excavation Diagram at Cofferdam on Dwgs. 81323 and 81370). Excavation required for the concrete seal is included as incidental in the lump sum pay item "Tremie Concrete Seal". This will be clarified in an addendum.*

135. Item/Question: Will the Agency post a conformed set of specifications on the website?

ODOT Clarification/Response – *No, conformed specifications will not be available prior to the let date.*

136. Item/Question: Per addendum no. 9 Builder's Risk insurance for an amount equal to at least the value of the completed bridges is to be provided. This amount seems excessive since both bridge will not be exposed at any given time. It seems that this value should be that of one of the completed bridges.

ODOT Clarification/Response – *This will be further clarified in an addendum.*

137. Item/Question: Stone columns shown on both sides of the Bents 1. Can one provide the elevation of the Stone columns on the West side of the Bents ? Is the intent for the Columns tops to be at road sub-grade or at top of pile-cap elevation?

ODOT Clarification/Response – *Per drawing 81315's note, "Columns to extend...to ground surface at time of construction". The intent is that stone columns meet this limit at the time of*

Columbia River Highway

Multnomah County

Grading, Drainage, Structures, Paving, Signing, Illumination & Roadside Development

Bid Letting Date: February 18, 2010

installation. In areas west of Bent 1 the final or post-installation top elevation will vary, being either at the final top of ground surface or, in roadway areas, at the top of roadway subgrade.

138. Item/Question: I have a question pertaining to the chain link fence. In reference to CL-6, plan page 3a, 4b, and 5a call out for color #4. I have seen no other reference to this. The specifications say to comply with 01050 of the standard specifications, which have no reference to color. Clarification #6 says as defined in 540.53(b), there is no color 4 in this section. Please help.

ODOT Clarification/Response – *Fence coating requirements will be clarified in an addendum.*

139. Item/Question: Plan sheet I-1577 Temp Illumination: EB indicate to install Lights and Wood Poles in Stage 1 Phase 1 work period. WB indicates to install Lights and Wood Poles in Stage2 Phase 2 Normally we would remove existing Lights in same Stage and Phase but Plan sheet I-1579 Illumination Indicates EB to remove (1) pole stage 1 phase 1 and the other 3 in stage 1 phase 2 and WB indicates to remove in stage 3. Please comment about this.

ODOT Clarification/Response – *For both EB and WB existing lights, their removal is expected to take place in the stage or phase following the installation of the temporary lights, with the exception of the west-most EB existing light which will be removed in Stage 1, Phase 1 due to construction work in its location. If it is easier for the contractor to remove the existing lights in the same stage or phase as installation of the temporary lights, they can do so provided that the temporary poles/lights are installed and operational BEFORE the removal of the existing lights. The existing lights shall remain functional until the switch to fully operational temporary lights.*