

Ohio Department of Transportation Prebid Questions

Project No. 060508

Sale Date - 12/1/2006

Question Submitted: 10/23/2006

Question Number: 1

How often across the project are there permanent monuments with coordinate value to work from in order to do construction layout staking? The plans show fence lines and I.P.S. (iron pin set), do any of these exist or does all that come after the "tree removal"?

A1) Coordinates will be provided for the proposed roadway alignments, the R/W corner points and for 2 iron rods set on each side of the US 24 alignment along the existing crossroads. A2) The proposed fence lines will be constructed by the roadway contractor on subsequent projects after the tree removal. The iron pins are in the process of being set and in the areas of tree removal will be either set or the location will be marked with a carsonite lath prior to the start of this project.

Question Submitted: 10/23/2006

Question Number: 2

The plans show two begin points, 701+00 and 1350+00, which is correct? Do we have to put construction layout stakes in areas where no trees exist but are still within work limits? Are buildings already demolished and is there a building site to use for a field office? I interpret the clearing and grubbing spec to say the only trees needed to be removed are ones that may be a safety risk along a roadway or building site; is that correct? May we remove harvestable trees for resale? Leaving stumps 2ft high will not allow felling equipment to move through a heavily wooded section; may we cut some stumps lower to allow for equipment movement?

A1) As indicated on the schematic sheets, Sta 701+00 is the beginning point for R/W acquisition on the first part of the plans and Sta 1350+00 is the beginning point for R/W acquisition on the second part of the plans. The actual locations of the tree removals are indicated by the plan sheet numbers shown on the schematic sheets. A2) As stated in the plans, the contractor is responsible to perform construction layout staking in order to locate and establish the R/W and the limits of the tree removal as well as establishing the R/W limits for accessing the project site since no work or equipment is allowed outside the R/W limits or in environmentally sensitive areas. A3) The buildings may or may not be demolished depending on location and any R/W acquisition specifics. There is not a building site provided for a field office. The contractor is responsible for providing a field office as stated in the plans in accordance with the C&MS book. A4) Correct, as stated in the plans, the only trees that need to be removed are ones that may be a safety risk along a roadway or railroad and trees felled in a yard or in front of a home. The remaining felled trees and all stumps will be removed as a part of a subsequent roadway project. A5) No, the trees are property of the State of Ohio. A6) No, the 2 foot stumps are necessary to allow for stump and root removal by the roadway contractor on subsequent projects.

Question Submitted: 10/26/2006

Question Number: 3

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Ohio Department of Transportation Prebid Questions

Question Submitted: 11/21/2006

Question Number: 4

1. Is the main intent for the project the Indiana Bat trees?
2. In areas where there are no trees to be removed or equipment to be used will construction limits staking be required?
- 3a. Trees that are in fence or in fence posts, we would cut above fence and/or posts. would this propose a problem?
- 3b. what is the specification between a tree and brush? is it required that brush and small saplings up to 4" to be cut and mulched at ground level?
- 4a. are there any requirements for size of pipe or stone for construction entrances?
- 4b. who will determine the location of construction entrance?
5. Can we get a clarification on ground disturbance for seeding purposes? (ex. ruts 4" and deeper)

A1) the Intent is to Remove All Trees from the Construction Limits. This Will Allow the Contractor/contractors Who Receives Either Pau-24 or as Well as the Pau/def-24 Project the Ability to Start and Perform Work During the Restricted Tree Cutting Period. A2) as Stated in the Plans, the Contractor Is Responsible to Perform Construction Layout Staking in Order to Locate and Establish the R/w and Limits of the Tree Removal as Well as Establishing the R/w Limits for Accessing the Project Site since No Work or Equipment Is Allowed Outside the R/w Limits or in Environmentally Sensitive Areas. A3a) Yes, Because the Stumps Are to Be No Taller than 2 to 3 Foot with Foliage below 6 Foot. A3b) No. A4a) Yes, Supplemental Specification 832 A4b) the Project Shall Be Accessed from Public R/w, No Access Will Be Allowed Across Private Property. A5) Any Ground Disturbance That Will Need to Be Seeded Will Be on a Case by Case Situation and Follow the Requirements of Supplemental Specification 832.

Question Submitted: 11/27/2006

Question Number: 5

A question asked on 11-21-06 about tree removal was answered differently than the question earlier. What are we to do with the trees that are cut down? Remove them or leave them for the next contractor?

As stated in the plans, the only trees that need to be removed are ones that may be a safety risk along a roadway or railroad and trees felled in a yard or in front of a home. Ash trees shall be dealt with as stated in the plans. The remaining felled trees and all stumps are to remain and will be removed by another contractor as a part of a subsequent roadway project.

Question Submitted: 11/27/2006

Question Number: 6

1. from the Indiana line approx. sta. 710+00 to 890+00 there is no drawings on those areas. will these areas also need to be staked for r/w limits?
2. What is the specification (size) on a Indiana bat tree?
3. What caliper of trees need to be cut at the 2-3 foot range?
4. in regards to question #1 on 11/21. your answer states that all trees need to be removed from the construction limits. according to another answer on 11/9 only tree that are a safety risk need to be removed. could you clarify?

A1) As stated in the plans, the contractor is responsible to perform construction layout staking in order to locate and establish the R/W and the limits of the tree removal as well as establishing the R/W limits for accessing the project site since no work or equipment is allowed outside the R/W limits or in environmentally sensitive areas. A2) The project is to cut all trees not just those that may be considered as bat trees. A3) The project is to cut all trees regardless of size to limits specified in the plans. A4) The only trees that need to be removed are ones that may be a safety risk along a roadway or railroad and trees felled in a yard or in front of a home, the exception being Ash trees in these location mentioned which are to be disposed of according to the note in the plans. The remaining felled trees and all stumps will be removed by another contractor as a part of a subsequent roadway project.

Question Submitted: 11/8/2006

Question Number: 7

Regarding the answer to the question from 10/23, If the Iron pins are set with the markers what more needs done as far as construction layout staking? The work limits are defined by the "iron pin sets", correct?

Answer - As stated in the plans, the contractor is responsible to insure that access to the project site and all work performed is inside the R/W and no work or equipment is allowed outside the R/W limits or in environmentally sensitive areas. Although there will be iron pins or carsonite lath at all property corners, they may be a great distance apart and additional construction layout staking will be required to locate and establish intermediate points along the R/W line through a woods; establish the R/W line in areas with a curved alignment or in other areas not within a direct line of sight of the iron pins or carsonite lath.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 11/9/2006

Question Number: 8

- 1) Is the land clearing company responsible to hire a registered surveying company to survey the entire project?
- 2) If we encounter a stream in a wooded area, can we take measures to cross the stream and not interfere with flow, ie, installing a temporary culvert. If we are clearing east to west and encounter a north and south stream, we could be miles from an access area which means we would have to mobilize out and around the stream, literally many hours to move 3-5 pieces of equipment to clear the other side of stream.
- 3) It calls for seeding under "Environmental Commitments", Page 9/86. Will there be any seeding under this tree removal section. I would think the seeding would take place at the end of the road project.
- 4) On page 10/86 under "clearing and grubbing". Would like clarification, it says all trees and stumps are to remain for another contractor to remove, but further in the spec it calls contractor to remove all felled trees except ash trees. Please clear up this and be specific on all trees and their manner of disposal.

This bid is just for tree removal, not any buildings, homes etc. that are also noted for removal?

A1) A bid item for Item 623 Construction Layout Staking is included in the plans. As stated in the C&MS book, this item requires the contractor to set all additional stakes necessary for completion of the project. Section 623.02 states that the contractor is to use competent personnel and suitable equipment for the layout work required and a registered Engineer or Registered Surveyor to supervise the operation. A2) As stated in the environmental Commitments stated on sheet 9/86 "no work, equipment or debris will be permitted to enter any streams or waterways." Work would include any temporary culverts or crossings. A3) The environmental Commitments stated on sheet 9/86 apply to all work performed on this project. The note states that any surface areas that are disturbed by the tree removal contractor shall be seeded and maintained as per ODOT requirements in the C&MS book, appropriate design manuals and construction standard drawings noted on the title sheet. The purpose of the seeding is to re-establish vegetation on disturbed earth areas and minimize sediment runoff and erosion. A4) As stated in the plans, the only trees that need to be removed are ones that may be a safety risk along a roadway or railroad and trees felled in a yard or in front of a home. Ash trees shall be dealt with as stated in the plans. The remaining felled trees and all stumps are to remain and will be removed as a part of a subsequent roadway project. A5) Correct, this project only includes bid items required for tree removal operations.

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