



January 6, 2017

ADDENDUM #2

IFB 17-12 WOLFTRAP CREEK STREAM RESTORATION – PHASE II

*******ATTENTION BIDDERS*******

(To be completed and returned with bid response)

1. Q: Plan sheets 6 & 7 have a tree table. On the tree table usually there is designation of TBR (To be removed). We need to know how many trees are to be removed and what size those trees are. In an acre of clearing, we don't know if we have to remove 25 trees or 50 trees. Please provide more information.

A: Almost every tree inside of the LOD, but outside of the tree protection areas are to be removed. The Town and design engineer will work with the selected contractor to incorporate additional tree-save areas within the proposed LOD.

2. Q: There are several proposed wood structures to be constructed in the stream & typically, the wood required is harvested from the project and not imported from another site. Is this your current plan and will there be enough cleared trees onsite to construct these structures? If we need to import, will there be requirements for the species of trees imported?

A: Per Section 20 of the specifications, "Logs shall consist of on-site hardwood trees harvested during the clearing and grubbing process. Contractor should take care during clearing and grubbing to preserve the integrity of suitable logs in order to avoid delays associated with inadequate supply. It shall be the Contractor's sole responsibility to ensure that these materials are properly harvested and stockpiled and a sufficient quantity of on-site logs is not guaranteed. The full burden of any additional costs associated with the need for import of logs to the project site shall be borne by the Contractor."

3. Q: There is a Specification Section for Sanitary Sewer Protection & Coordination, 04, which mentions a sewer bypass, but nothing is shown on the drawings. Is there any bypass required, if so, please show where and what manholes? Also, there is no line item for this on the bid price form, please let us know where that cost is to go, if it is required?

A: No sanitary sewer bypass pump is required.

4. Q: Is there any sanitary sewer work required for this project, if so, please provide the details and locations for the work?

A: There is no sanitary sewer work associated with this project.

5. Q: Have the existing sewer lines been inspected and had a camera inspection recently? Typically, most municipalities require it, prior to working over any existing lines. If not, should that be added, so we know the condition of the pipes prior to starting any work? Please note that flow will need to be checked, so we know if a pump around is necessary to provide the camera inspection, plus this will add time to the work.

A: Town to coordinate with Fairfax County for inspection of sanitary sewer main.

6. Q: Is there any special protection required for the sewer pipes, if so, please provide a detail and show the locations it's required.

A: Sewer pipe protection to be determined by contractor. Any damage to the sewer pipes shall be at the sole expense of the contractor.

7. Q: Bid Form has 2300sy of Access Road Temporary Timber Matting. We also have a Specification Section, 10, Stockpile & Staging Areas, which requires Timber Matting, does that total include the staging areas or is the separate? If separate, where do we put the cost?

A: Unless otherwise directed by the Town, timber matting is not required for the stockpile and staging areas.

8. Q: Spec. Section 10, also requires Super Silt Fence, which bid item is that to go into and can you give us a quantity for it?

A: Include silt fence under Bid Item #7. No Super Silt Fence is required per the plans.

9. Q: How will the CY quantities be measured in the field for items on the bid form numbered 15- 18 and who will be responsible for calculating the quantities daily?

A: Contractor to document grading activities each day.

10. Q: Is excavation required for wood structures and rock structures considered incidental to those activities or will this be included in the quantity listed on the bid form, number 15 (Regular excavation) and 16 (Regular excavation: cut to haul)?

A: Excavation is considered incidental to each particular activity.

11. Q: Plan sheet 24 of 30 shows the detail for the clay plug. The notes for the clay plug state that the rock plug shall be installed on the downstream end of the abandoned existing channel. The plans show the designation for two clay plugs but no designation for rock plugs. Are we to include a price for a rock plug with each clay plug?

A: The Contractor should include a cost for a rock plug with a quantity of zero. The rock plug is included in case site conditions dictate one is necessary.

12. Q: Plan sheet 24 of 30 shows a detail for root pruning and tree care. Both details state "To be identified in the field", but, in order to calculate a cost with our bid, we need to know the quantity required. If you cannot provide a quantity, can you provide an allowance that all the bidders include with their bids or will these items be handled as a change order?

A: Contractor should assume there will be five (5) trees requiring root pruning and should provide a unit rate for each. Additional trees requiring tree pruning would be handled as a Change Order at that unit rate.

13. Q: Will any geo-technical testing be required for compaction and moisture content on the earthwork activities. If so, who will provide and if the soil is determined to be unsuitable, will we be reimbursed for the costs of replacing the soil with suitable fill. If the soil is to be tested, can you provide an allowance for replacing unsuitable soil with suitable soil, because we cannot quantify this amount prior to bidding.

A: Contractor is responsible for compacting backfill in old channel in accordance with accepted techniques in stream restoration; however no in-situ testing is required. See below for Fill Material Specifications.

FILL MATERIAL

1. ALL FILL MATERIALS SHALL CONSIST OF ML, CL, SC, OR GC SOILS AND FREE OF WOOD, ROOTS, ROCKS, OR ANY OTHER NON-COMPACTABLE SOIL.

2. COMPACTED FILL SHALL BE INSTALLED IN MAXIMUM 8 INCH LIFTS TO A DRY DENSITY OF 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY ASTM D698.

3. WATER CONTENT WITHIN COMPACTED SOILS SHALL NOT EXCEED 30%. THE FINAL WATER CONTENT OF THE FILL SHOULD BE WITHIN 3 PERCENTAGE POINTS OF OPTIMUM WATER CONTENT.

4. A MINIMUM OF ONE (1) COMPACTION TEST PER EVERY 1500 SQ. FT. OF FILL AREA, WITH A MINIMUM OF TWO (2) TESTS PER LIFT. ONE COMPACTION TEST PER STRUCTURE. ALL AREAS THAT FAIL MUST BE SCARIFIED, RECOMPACTED AND RE-TESTED UNLESS OTHERWISE APPROVED BY THE TOWN. A QUALIFIED INSPECTOR IS REQUIRED TO BE ONSITE FOR MONITORING AND SUPERVISION OF ALL EARTHWORK AND CONSTRUCTION ACTIVITIES RELATING TO FILL PLACEMENT AND PERFORMING MOISTURE-DENSITY (COMPACTION) TESTING.

ALL OTHER TERMS, CONDITIONS, AND SPECIFICATIONS SHALL REMAIN THE SAME.

A copy of this signed addendum must accompany your response as an acknowledgment of its receipt:

NAME AND ADDRESS OF FIRM:

PHONE #: _____ EMAIL: _____

NAME OF AUTHORIZED REPRESENTATIVE:

Please Print

SIGNATURE: _____ DATE: _____