



ADDENDUM NUMBER: 1

DATE: August 30, 2016

CEC Project Number: 162-080

**PROJECT: Mansker Creek Bank Stabilization
ID# 1603-0026A
City of Goodlettsville, TN
Bid documents dated August 2016**

The following items are amended or clarified by this addendum in response to plan-holder questions:

1. Understanding the vertical nature of the existing bank condition, is there a maximum permissible steepness (1.5H:1V?) that will be accepted for the re-graded bank. Given the constraint of the steepness of the final slope, will consideration be given to reduce the 5' setback for the "top of slope" trench?

CEC will be overseeing the work, and consideration may be given to reducing the set-back during construction based upon observed field conditions.

2. If there is insufficient material to reconstruct the bank at a stable slope, will the contractor be expected to provide suitable fill material to complete the slope or will we be expected to work with the materials that are onsite?

The expectation is that there will be sufficient material to work with on site to regrade the slope above the stone toe protection.

3. Are the Sycamore "live stakes" actually live dormant cuttings or intended to be bare root plants. If they are dormant cuttings, would other species (i.e. willows, dogwoods, or elderberry) that grow more vigorously from cuttings be considered as acceptable substitutes? Also, would it be appropriate to return to the site to install live stakes this fall, in dormancy, and consider that outside of the specified project duration?

The intent is for the matting to be anchored with "live stakes" as opposed to just wooden stakes. Other Tennessee-native live stake options than just sycamore would be considered acceptable, although willows are not preferred.

4. Should payment for Class "A" be considered incidental to the Big Flat Rock or Bank Excavation and Prep. line item?

The payment for Class A riprap should be included with the Big Flat Rock line item.

5. In the Instruction to Bidders, the project duration/completion period is specified as 21 days commencing no later than September 19th. On page 9, it states that the contractor will have 14 working days to complete the project. Is the 21-day duration the appropriate timeframe?

Yes. The project duration is 21 days.

6. Can you tell us your estimate on this job?

A cost estimate for this project has not been prepared.

7. The flat spot on the top of the bank, will this be into the existing asphalt and keep the curve of the walkway. Or will we have to build up the bank to make the flat spot?

There will not be a need to build up a flat spot at the top of the bank. The top of the bank will be set back from its existing location due to shaping of the bank that the contractor must do, and the greenway path may need to move back from the streambank. The City will be responsible for relocating the greenway.

8. Can you tell us your budget on this job?

A cost estimate for this project has not been prepared.

9. Where will the construction entrance be? There is 100' on the specs, but we didn't see anywhere to put one when we visited the site.

Attachment 3 of the Bid Package has a figure showing where the construction entrance will be located.

10. Is the job estimate over or under \$100,000.00?

A cost estimate for this project has not been prepared.

11. I know that sometimes you can't tell the estimate but can you tell me what the bids were last time that they rejected?

The original bids for the project that included using the Envirolok bank stabilization product ranged from \$168,071.40 to \$218,114.10.

12. Do you have a sq. ft. figure for the coir matting? I know it is 75' long and 15' vertical. Not sure if you want a 2:1 slope or greater.

The length of upper bank stabilization will likely be less than the full length of the estimated 75 feet of stone toe protection and will not be the full height of the bank due to the proposed stone toe protection taking up some of that 15-foot height; therefore, 700 sq. ft. of upper bank



stabilization is estimated in the bid form. The final slope ratio will likely be steeper than 2:1 but will be subject to field adjustment as directed by the engineer.

13. What are the "live poles"?

Live poles are similar to live stakes but are longer. The goal of the live poles is to have the pole reach the vadose zone near the toe of slope to facilitate vigorous growth.

14. Any damage to existing structures, pavement, or other City-owned and operated land or appurtenances as a result of this construction project will be the sole responsibility of the contractor to repair at his or her own expense and to the satisfaction of the City.