



PO Box 22273
Lexington, KY 40522
(859) 231-0500

September 21, 2015

Mr. Ben Krebs PE, CFM
Municipal Engineer Senior
LFUCG – Environmental Quality
125 Lisle Industrial Ave.
Suite 180
Lexington, Kentucky 40511

**RE: Quote and Scope of Work for Maintenance of Stream Corridor Vegetative Buffer
Green Acres Stream Corridor Vegetative Buffer – Ecological Restoration Project**

Mr. Krebs:

Thank you for the opportunity for the EcoGro/Ridgewater Team (E/R) to present LFUCG with this proposal and scope of work for the maintenance of the native riparian buffer that will be planted in conjunction with the stream improvements taking place on the Green Acres Stream Corridor Vegetative Buffer Ecological Restoration Project. We are excited for the opportunity to be a part of a project that improves stream habitat, water quality, and creates an attractive natural area.

Project Goals:

We understand the goals of the proposed vegetation maintenance to be:

1. Help to establish the native trees, plants and seeds that will be planted upon completion of the construction of the Green Acres Ecological Restoration.
2. Remove non-native and invasive species from the riparian buffer which is approximately 1,900 feet long and encompasses roughly 3 acres, including mowed areas maintained by LFUCG (e.g., in Bluegrass Savannah).
3. Be an example of the different types of native areas and how to maintain them. The types of native areas as outlined in the Green Acres Stream Corridor Vegetative Buffer Report are as follows:
 - a. Riparian Forest
 - b. Community Commons
 - c. Bluegrass Savannah
 - d. Wildflower Meadow

Scope of Work: E/R proposes to perform the following assumed Scope of Work:

1. Remove non-native and invasive plants in the riparian corridor through the following methods, including, but not limited to:
 - a. Mechanical Control (Weed-eating / Mowing)
 - b. Chemical Control through the use of approved herbicides
 - c. Cultural Controls (cutting / disposing of seed heads, etc)
2. Annual vegetation monitoring report to USACE to include:
 - a. Exhibit on trees planted



- b. Report, with pictures, outlining progression of the establishment of the riparian area.

Assumptions/Clarifications: E/R has made the following assumptions:

1. The planting of plugs and trees in this area will occur in the Fall of 2015.
2. Proposed maintenance work would start March 2016.
3. Proposed work would be performed on an agreed upon schedule set forth in the attached proposal and also based on weather, site conditions, etc.
4. EcoGro/Ridgewater would have access to the work area whenever necessary to perform work.
5. Additional seed would be applied during the spring of Year 1 in order to ensure proper germination conditions are present for native establishment and not miss out on a growing season.
6. **This proposal assumes that E/R would perform the maintenance through the first three (3) full growing seasons post construction (ending Dec. 2018).** Additional ongoing maintenance can be negotiated at a future date.

Proposed Quote and Unit Prices: E/R proposes to perform the above Scope of Work, further detailed in the attached spreadsheet entitled Green Acres Vegetative Corridor Maintenance Proposal with the lump sum cost through 2018 of \$49,325.00.

Thank you for the opportunity to work with you on this highly visible area. It is our goal to make LFUCG and Lexington, Kentucky a national model for stormwater improvement and stream restoration. Please let us know if you have any questions.

Sincerely,



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Project Manager
Ridgewater
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Green Acres Vegetative Corridor Maintenance Proposal
9/11/2015



Project: Green Acres Vegetative Corridor Maintenance
Location: Lexington, Fayette Co. KY
By: JMH
Date: 9/21/2015
Checked by:
Date:

P.O. Box 22273
Lexington, KY 40522
Fax: (606) 348-0528
(859) 231-0500

Planting Area
(acre)
3.20

Work Items	Description of Work	Unit	Year 1 Post-Construction (2015)		Year 2 Post-Construction (2017)		Year 3 Post-Construction (2018)	
			Seed Cost	Estimated Quantity	Seed Cost	Estimated Quantity	Seed Cost	Estimated Quantity
1	Seeding and Weed Control, Cool Season (March) Broadcast additional seed of species that do not require cold / moist stratification, mechanical controls, spot-spray herbicide control of cool season weeds (e.g., Poison Hemlock, Garlic Mustard, Wintercreeper, Multiflora Rose, etc.)	\$75 Man-hours	\$200	30	\$2,450	\$1,500	20	\$1,500
2	Weed Control, Cool Season (late March/April) Spot-spray herbicide to control cool season weeds (e.g., Poison Hemlock, Garlic Mustard, Wintercreeper, Multiflora Rose, etc.)	\$75 Man-hours		35	\$2,625	\$2,250	25	\$1,875
3	Weed Control, Mid-Season (June) Spot-spray herbicide to control cool / warm season weeds (Teasel, Canadian Thistle, Japanese Stilt Grass, Japanese Honeysuckle, Bush Honeysuckle, Multiflora Rose, etc.)	\$75 Man-hours		40	\$3,000	\$2,250	25	\$1,875
4	Weed Control, Warm Season (July) Spot-spray herbicide to control warm season weeds (Johnson Grass, Teasel, Canadian Thistle, Japanese Stilt Grass, Japanese Honeysuckle, Bush Honeysuckle, Multiflora Rose, etc.)	\$75 Man-hours		40	\$3,000	\$2,250	25	\$1,875
5	Weed Control, Warm Season (August) Spot-spray herbicide to control warm season weeds (Johnson Grass, Teasel, Canadian Thistle, Japanese Stilt Grass, Japanese Honeysuckle, Bush Honeysuckle, Multiflora Rose, etc.)	\$75 Man-hours		35	\$2,625	\$2,250	20	\$1,500
6	Weed Control, Brush / Woody plants (October) Spot-spray herbicide to control both warm season and cool season weeds. Apply herbicide to cut stumps and spot spray woody vegetation	\$75 Man-hours		35	\$2,625	\$2,250	20	\$1,500
7	Seeding and Mowing (Winter) Mechanical mowing (weed-eater) of area, broadcast additional seed for winter dormancy stratification if applicable.	\$75 Man-hours		30	\$2,250	\$1,875	20	\$1,500
8	USACE Annual Vegetation Report Report to USACE to include exhibit on trees planted and a short summary report with pictures describing survival and progression of the buffer and efforts the past year.	\$75 Man-hours		20	\$1,500	\$1,500	20	\$1,500
Total hours:				245	\$20,075	195	155	\$13,125

Clarifications/Comments:

- 1 Man-hour rate is based on State Prevailing Wage Rates for a laborer and includes chemicals, sprayer, etc.
- 2 The focus of this contract is vegetation maintenance, therefore, no large scale trash removal is associated with this contract.
- 3 Maintenance proposal does not include watering or replacement of plant materials.
- 4 Some additional seed cost is included in this contract to ensure a healthy native community

Total Lump Sum Cost through 2018: **\$49,325**

Thank you for the opportunity to submit this proposal. Please do not hesitate to contact me with questions:

JMH

(signature)

9/21/2015
(date)