## Kevin L. Erwin Consulting Ecologist, Inc.

Ecologists • Biologists • Computer Scientists

May 20, 2005

Mr. Bill Spikowski 1617 Hendry St. Suite 416 Ft. Myers, FL 33901

Re:

General Scope and Cost Estimate for Upland Habitat Restoration Costs for Pine

Island Farmland

Dear Mr. Spikowski:

This scope of work and per acre cost estimates covers the work that would be necessary to prepare an upland site being restored to native habitat and for seeding and replanting in accordance with the restoration standards for Pine Island farmland that are proposed for inclusion in Lee County's Land Development Code.

Actual costs may vary depending upon specific site conditions. This restoration activity must be designed and supervised by a well-experienced ecologist who has successfully undertaken similar projects.

The site is assumed to be covered with pasture grasses dominated by Bahia grass (*Paspalum notatum*) and other invasive non-native species, which must be completely removed for effective restoration to occur.

I would estimate the following per acre costs (50 acre minimum). I also recommend adding a 10% contingency to the total to deal with weather, equipment failure, etc.

	ACTIVITY	ESTIMATED COST (per acre)
	Plan design	\$100
	Permitting	\$100
•	Supervision	\$150
	Monitoring plan	\$50
	Planting plan	\$50
	Brush hog/mowing	\$50
	Disking four times	\$200
	Broadcast herbiciding	\$200
	Spot herbicide treatments	\$210
	Earthwork	\$0 to \$500
	Debris removal	\$0 to \$100
	Direct seeding	\$800
	Planting	\$1,000
	Supplemental planting	\$150
	Monitoring	\$75
Total Estimated Cost		\$3,135 to \$3,735
Total Estimated Cost with 10% Contingency		\$3,450 to \$4,165

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If you have any questions, please call me at (239) 337-1505 x109.

Sincerely,

Kevin L. Erwin Consulting Ecologist, Inc.

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Kevin L. Erwin, CE PWS

President/Principal Ecologist

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