

## **EXECUTIVE SUMMARY**

**Recommendation to approval the installation and planting of native vegetation in the Common Areas within Collier County by Earth Balance for time and material not to exceed \$8,060.**

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**OBJECTIVE:** To plant vegetation for the protection of the beaches in the common areas within Collier County

**ADVISORY COMMITTEE RECOMMENDATIONS:** At the CAC April 8, 2010 meeting this item was unanimously approved (7-0).

**CONSIDERATIONS:** For the Fiscal year 2009/2010 Sea Oat planting were approved for \$75,000 throughout Collier County beaches. This year this project will include Sea Oat planting along Collier County beaches totaling \$61,299.70 and Phase 2 Monitoring for \$5,640 for a total of \$74,999.70.

As part of the \$75,000 we are requesting that \$8,060 of this funding be used this year for native plantings in the common areas within Collier County which includes the dunes in front of Le Parc, Le Rivage and Commons W.

**FISCAL IMPACT:** The Source of funds is from Category "A" Tourist Development Tax fund 195 Project 90044.1.

**GROWTH MANAGEMENT IMPACT:** There is no impact to the Growth Management Plan related to this action.

**LEGAL CONSIDERATIONS:** This item has been reviewed and approved by the County Attorney's Office and is legally sufficient for Board action. - CMG

**RECOMMENDATION:** That the TDC approve the installation and planting of native vegetation in the Common Areas with Collier County by Earth Balance for time and material not to exceed \$8,060.

**PREPARED BY: Gail Hambright, CZM Accountant**



EarthBalance®

Revised Price Quote

May 24, 2010
New Business VI - 5
Corporate Office
2579 N. Toledo Blade Boulevard
North Port, FL 34289
941.426.7878
941.426.8778 Fax
www.earthbalance.com

PROJECT NAME: Collier County Dune Restoration – Planting and Monitoring

ATTENTION: Mr. Allen Madsen
Collier County – Coastal Zone Management
3301 E. Tamiami Trail, Suite 103
Naples, Florida 34112

SCOPE OF SERVICES:

Phase 1 – Planting

EarthBalance® will supply, deliver, and install the plant material listed below for various beach restoration projects located in Collier County, FL. Within The Commons Area, EarthBalance® will install 13,000 liner plants and 260 1-gallon Sea grape (Coccoloba uvifera). The liner plants will consist of 80% Sea oats (Uniola paniculata), 10% Dune sunflower (Helianthus debilis), and 10% Beach elder (Iva imbricata). Additionally, EarthBalance® will supply, deliver, and install 111,454 Sea oats (Uniola paniculata)\* within various beaches throughout Collier County with direction from a representative of Collier County.

Table with 6 columns: Common Name, Scientific Name, Size, Qty, Unit Price, Extended Total Price. Rows include The Commons Area (Sea oats, Dune sunflower, Beach elder, Sea grape) and Various Collier County Beaches\* (Sea oats\*). Total costs are \$8,060.00 and \$61,299.70 respectively. Grand total is \$69,359.70.

\*According to the original contract, EarthBalance® can also supply, deliver, and install Bitter panicgrass, Beach morning glory, and/or Beach elder (depending on the variety that Collier County chooses).

Phase 2 – Monitoring

EarthBalance® biologists will monitor the survival of new beach plantings located at five (5) Collier County beaches. Barefoot, Vanderbilt, Clam Pass, City of Naples, and Marco Island beaches will be included in the monitoring events. Biologists will permanently mark four (4) 50-square foot plots at each beach, totaling 20 plots. The corners of each plot will be recorded with a GPS. Each plot will contain 50 newly planted Sea oats, along with any plants present prior to planting. The survival of individual plants, as well as a measurement of the average height of the plants, will be recorded at each monitoring event. Fixed-point photographs of each plot will be taken at each monitoring event. A total of three monitoring events will be conducted, and they will be scheduled for September 2010, March 2011, and September 2011. After each monitoring event, a letter report will be submitted to Collier County summarizing the plant data collected during the event.

EarthBalance® will perform all the services described in Phase 2 for a specified fee of \$1,880.00 per event, totaling \$5,640.00 (3 events).



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## Revised Price Quote (continued)

**PROJECT NAME:** Collier County Dune Restoration – Planting and Monitoring

**EarthBalance®** will perform all the services described above for the following costs:

Description	# of Units/Events	Price per Unit/Event	Total Cost
Phase 1 – Planting	See Above	See Above	\$69,359.70
Phase 2 – Monitoring	3	\$1,880.00	\$5,640.00
<b>TOTAL COST</b>			<b>\$74,999.70</b>

**QUOTED BY:** Charles L. Kocur, Jr.  
Vice President  
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(941) 628-8062