

**Lee County Board Of County Commissioners
Agenda Item Summary**

Blue Sheet No. 20050734

1. ACTION REQUESTED/PURPOSE: Authorize Lee County Parks and Recreation to accept \$139,920 from the South Florida Water Management District (SFWMD) for the removal of exotic vegetation on spoil areas at the Caloosahatchee Creeks Preserve which was acquired by the Conservation 20/20 program. Approve Budget Amendment in the amount of \$139,920 and amend the FY04/05 Conservation 20/20 budget accordingly.

2. WHAT ACTION ACCOMPLISHES: Allows exotic control work to be performed at the Caloosahatchee Creeks Preserve.

3. MANAGEMENT RECOMMENDATION: Enables staff to continue with removal of exotic vegetation on spoil areas at the Caloosahatchee Creeks Preserve.

4. Departmental Category: <u>CLC</u>		5. Meeting Date: <u>6-14-05</u>
6. Agenda: <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Administrative <input type="checkbox"/> Appeals <input type="checkbox"/> Public <input type="checkbox"/> Walk-On	7. Requirement/Purpose: (specify)	
	<input type="checkbox"/> Statute	<input type="checkbox"/>
	<input type="checkbox"/> Ordinance	<input type="checkbox"/>
	<input type="checkbox"/> Admin. Code	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Other	<input type="checkbox"/>
		8. Request Initiated: Commissioner _____ Department <u>Parks and Recreation</u> Division _____ By: <u>John Yarbrough</u> <i>John Yarbrough</i>

9. Background: On May 11, 2004, the Board of County Commissioners approved an agreement with SFWMD in the amount of \$125,000 for removal of exotic vegetation on spoil areas at the Caloosahatchee Creeks Preserve. The threshold on the SFWMD funding available for the past fiscal year for restoration of spoil areas along the Caloosahatchee River has been increased for this fiscal year and no formal agreement is required by SFWMD. The County having acquired, through the Conservation 20/20 program in 2000, the Caloosahatchee Creeks Preserve has such spoil areas targeted for restoration. The project will involve removal of invasive exotic Brazilian peppers and Australian pines from one of the larger spoil areas at the Caloosahatchee Creeks Preserve, then follow-up treatment with herbicides and planting with native species.

Project breakdown: \$139,920 from SFWMD
 \$ 10,000 from USFWS Partner's for Wildlife Grant
 \$148,265 from Conservation 20/20 management budget
 Total project cost: \$298,185

10. Review for Scheduling:

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services				County Manager/P.W. Director
					Analyst	Risk	Grants	Mgr.	
<i>JG</i> <i>5/24/05</i>	<i>N/A</i> <i>CL</i>	<i>N/A</i>		<i>KHC</i> <i>5/24/05</i>	<i>JA</i> <i>5/27/05</i>	<i>MS</i> <i>5/27/05</i>	<i>MS</i> <i>5/27/05</i>	<i>MS</i> <i>6/2/05</i>	<i>[Signature]</i>

11. Commission Action:

- Approved
- Deferred
- Denied
- Other

Rec. by CoAtty

Date: 6/14/05

Time: _____

Forwarded To: _____

RECEIVED BY
COUNTY ADMIN: CA

5-27-05

10:15

COUNTY ADMIN ML

FORWARDED TO: _____

6/2/05

4pm

RESOLUTION #

Amending the Capital Improvement Environ. Sensitive Land Mgt. Budget, Fund 30105 to incorporate the unanticipated receipts into Estimated Revenues and Appropriations for the fiscal year 2004-2005.

WHEREAS, in compliance with the Florida Statutes 129.06(2), it is the desire of the Board of County Commissioners of Lee County, Florida, to amend the Capital Improvement Environ. Sensitive Land Mgt Budget, Fund 30105 for \$139,920 of the unanticipated revenue from Grant funding and an appropriation of a like amount for grant expenditures and;

WHEREAS, the Capital Improvement Environ.Sensitive Land Mgt. Budget, Fund 30105 shall be amended to include the following amounts which were previously not included.

ESTIMATED REVENUES

Prior Total:		
Additions		\$18,042,885
KH5722030105.337700.9004	Parks & Rec-SFWMD Grant	\$ 139,920
Amended Total Estimated Revenues		\$18,182,805

APPROPRIATIONS

Prior Total:		\$18,042,885
Additions		
KH5722030105.503190	Other Professional Services	\$ 139,920
Amended Total Appropriations		\$18,182,805

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Lee County, Florida, that the Capital Improvement Environ. Sensitive Land Mgt. Budget, Fund 30105 is hereby amended to show the above additions to its Estimated Revenue and Appropriation Accounts.

Duly voted upon and adopted in Chambers at a regular Public Hearing by the Board of County Commissioners on this ____ day of _____, 2005.

ATTEST:
CHARLIE GREEN, EX-OFFICIO CLERK

BOARD OF COUNTY COMMISSIONERS
LEE COUNTY, FLORIDA

BY: _____
DEPUTY CLERK

CHAIRMAN

APPROVED AS TO FORM

OFFICE OF COUNTY ATTORNEY

DOC TYPE YA
LEDGER TYPE BA



South Florida Water Management District
 P.O. Box 24680
 West Palm Beach, FL 33416-4680
 Telephone (561) 686-8800, Ext. 6390
 Florida WATS Line 1-800-432-2045

PURCHASE ORDER

FLORIDA SALES TAX EXEMPTION # 85-8013149859C-9
 FEDERAL TAX EXEMPT # 59-74-0072K

THIS IS A CENTRALIZED PURCHASE AUTHORIZATION. ALL ITEMS ARE SHIPPED F.O.B DESTINATION UNLESS FREIGHT CHARGES ARE ITEMIZED BELOW		THIS NUMBER MUST APPEAR ON ALL PACKAGES, PACKING LISTS, INVOICES, AND CORRESPONDENCE. → PC P501729		PAYMENT TERMS NET 30	
VENDOR NO. 890 H		PURCHASING AGENT JOSLYN HARRIS-FITZROY		F.O.B. DESTINATION NO	
PAGE NO. 01		DATE OF ORDER 05 02 05		EST. DELIVERY DATE 09 30 05	
CONFIRMING		ORGANIZATION NO. 4450			

VENDOR
 LEE CNTY PARKS & REC DEPT
 7330 GLADIOLUS DR
 FT MYERS FL 33908

SHIP TO
 SOUTH FLORIDA WATER MANAGEMENT DISTRICT
 MS: 4450 FORT MYERS AREA OFFICE
 2301 MCGREGOR BLVD
 FT MYERS FL 33901

LINE ITEMS OF YOUR INVOICE MUST MATCH LINE ITEM NUMBERS ON THIS DOCUMENT

Line	Quantity	Unit	Part Number and Description	Unit Price	Total Amount
001	1.000	EACH	REMOVAL OF EXOTIC VEGETATION AT CALOOSAHATCHEE CREEKS PRESERVE. PRICING AND SERVICES PER STATEMENT OF WORK ATTACHMENT A INCORPORATED BY REFERENCE HEREIN AND MADE A PART OF THIS PURCHASE ORDER. DISTRICT CONTACT: JANICE TOBIAS AT 239 338-2929 EXT 7720 → ATTN.: MARY RUDE FAX: 941 432 2038 LAURA WEWERKA FAX: 239 461-7460	139,920.000000	139,920.00

NOTE: • Prices displayed govern this purchase order transaction.
 • Early payment discount invoices receive priority handling.
 • The attached Purchase Order terms & conditions apply as follows:
 Page 1 for commodities and Page 2 for services.

Page Total	
Grand Total	139,920.00

SEND ALL INVOICES TO:
 South Florida Water Management District
 P.O. Box 24682
 West Palm Beach, FL 33416-4682

Joslyn Harris-Fitzroy
 Authorized Agent
 SOUTH FLORIDA WATER MANAGEMENT DISTRICT
 An Equal Opportunity Employer - M/F/H/V

VENDOR Copy

ATTACHMENT A

Statement of Work Caloosahatchee Creeks Preserve

A. Introduction

Lee County purchased the Caloosahatchee Creeks Preserve in late 2000 through its conservation lands program. The project site includes 106.6 acres of tidal wetlands and spoil areas that have been impacted by invasion of the exotic invasive plant Brazilian pepper. Australian pines also occur along upland and transitional wetlands and shoreline areas. These wetlands are important habitat for a variety of state listed wading birds. West Indian manatees frequent the waters adjacent to these wetlands.

B. Objectives

The purpose of the project is to restore the habitat diversity and productivity of these spoil islands by controlling the exotic pest plants that currently interfere with these ecosystem functions. Control efforts will involve mechanically removing exotics and following up with herbicide treatments. After the exotics have been adequately removed native plantings will be put in their place.

This is a cost share project with funding coming from the following sources:

- \$139,920 available from SFWMD
- \$10,000 available from Partner's for Wildlife, U.S. Fish and Wildlife Service
- \$148,265 available from C20/20 funds
- ~~\$288,185~~ **TOTAL**
966,000

C. Description of Work

All restoration work will be conducted within management unit 1 (106.6 acres), and unit 2 (86.75 acres) located east of I-75. Unit 1 is bordered by a canal on the west and north boundaries, adjacent to additional spoil, which is unit 2, to the east and the Caloosahatchee River to the south.

Exotic removal work will initially be focused in 3 areas of unit 1 that were not cleared during phase 1 of the project, and all of unit 2 (see map). The remaining sections in unit 1 will be cleared using a Brontosaurus type machine that will mulch all Brazilian pepper and Austrian pine, less than 6" DBH, to ground level. The mulch area created by the Brontosaurus will help prevent the invasion and germination of other exotic species, especially grasses such as Guinea and cogon, in addition to slowing the germination of the existing exotic seed bank. Existing native trees and larger sized shrubs within this restoration area can easily be saved with this type of equipment.

Unit 2 will be cleared using excavator type equipment, where Brazilian pepper trees will be pulled, roots included, piled and burned. This approach will allow staff to compare successional processes between unit 1 where there will be a mulch layer, but root masses will remain and resprouts will have to be chemically treated, and unit 2 that will be cleared to bare soil with no root masses left and the ash left behind from burning that will fertilize the soil.

ATTACHMENT A

A fringe of vegetation will be left in place bordering the canals and the River to avoid shoreline erosion, and also to prevent unauthorized access to this restoration area by boaters.

Once units 1 & 2 are cleared of Brazilian pepper, Austrian pines, and other exotic infestations are under control, these areas will be planted at the start of a rainy season to avoid hand watering. This restoration site consisting of unnatural clays from historic River dredging will not be restored to its original community. Spoil will not be removed from site. Tree and shrub species typically associated with the Maritime Hammock natural community will be planted due to the upland nature of the spoil site and its location on the Caloosahatchee River. Species will be selected from the list below based on availability at time of planting, hardiness (sensitivity to cold snaps) and ability to grow in spoil type soils.

Plantings

<u>Trees</u>			<u>Shrubs</u>		
Live oak	5'-6'	\$50	Saw palmetto	1'	\$25
Red bay	3'-4'	\$15	Beautyberry	2'	\$12
Sea grape	1'-2'	\$12	Coral bean	2'	\$15
False mastic	7'-9'	\$60	Coontie	1'	\$30
Gumbo limbo	5'	\$12	Wild coffee	2'-3'	\$10
Strangler fig	7'-9'	\$50	Snowberry	1'-2'	\$15
			Myrsine	2'-3'	\$12
			Marlberry	2'	\$20
			Rouge plant	1'	\$12

Funds for this planting project will be sought from appropriate granting agencies once units 1 & 2 are ready to be planted. There are patches of spartina marsh within both of these units and they will be left intact during the clearing, and possibly this natural plant community will spread once the exotic competition is removed.

D. Work Breakdown Structure

2005

Work to be completed by May 31 – Brontosaurus work
 Work to be completed by May 31 – excavator work
 Work to be completed by May 31 – Initial Herbicide treatment
 (for area cleared in 2004)

Brontosaurus

Approximate per acre cost	\$3,037.19
<u>Acres to clear with Brontosaurus</u>	<u>55.334</u>
Total	\$168,068

Excavator

Approximate per acre cost	\$1,500
<u>Acres to clear with excavator</u>	<u>86.75</u>
Total	\$130,125