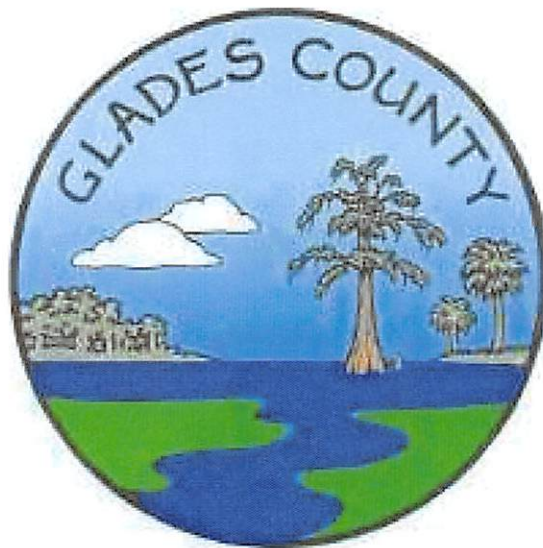


Glades County
Request for Proposal
RFP 2019-02
Glades County Business Park Wetland Enhancement

April 5, 2019



Request For Proposal

Glades County is seeking proposals for exotic and nuisance vegetation treatment followed by supplemental plantings in three wetland areas within Glades County Business Park. The proposals must adequately respond to The Scope and Bid Schedule included within this document.

The attached Wetlands Exhibits show the location of wetlands that Glades County has responsibility to maintain. The entrance to Glades County Business Park is located off SR 27 and County Road 78 West in Glades County.

The Glades County Board of County Commissioners meets on April 22, 2019 and wishes to have proposals reviewed by staff in advance of the meeting. To meet this timeline, Glades County requests that signed proposals be received by email or mail by 5:00 p.m. on April 18, 2019. Submit proposals to:

Martin Murphy
Glades County Manager
PO Box 10
Moore Haven, FL 33471
MMurphy@myglades.com

Questions regarding the Request For Proposal should be directed to Martin Murphy via email or phone at (863)946-6125.

Glades County Business Park 2019 Wetland Enhancement

Scope

Glades County has an approximate total of 8.84 acres in Wetlands 1, 2, and 3 as depicted in the attached Exhibits requiring a qualified contractor to provide both exotic and nuisance vegetation treatment and supplemental plantings. This will include an initial intensive nuisance and exotic vegetation maintenance event (manual herbicide application with no mechanized removal or mowing) followed by planting of the areas. The goal of the enhancement activity is to ensure the conservation areas contain at least 80% coverage by desirable wetland species and nuisance plant species to be no more than 5% total coverage as determined by qualified environmental professionals.

Exotic and Nuisance Vegetation Treatments:

Conduct a minimum of one (1) selective exotic/nuisance vegetation treatment event in early April 2019 and based on desired results, a second selective follow-up treatment (if required) approximately

Two (2) weeks prior to planting to ensure nuisance and exotic vegetation remains below 5% total cover. A site inspection visit within 10-14 days after the first exotic vegetation treatment must be coordinated with Johnson Engineering, a qualified ecologist, to assess the effectiveness and decide the need for a second follow-up treatment prior to planting. Treatment events will be conducted using manual labor and herbicide application in accordance with EPA label instructions for each herbicide. No mechanized vegetation treatment, such as mowing, will occur in the conservation areas.

Supplemental Plantings:

A supplemental planting plan for the preserved wetlands and buffer areas within the conservation easements for wetlands 1 through 3 is attached. The planting plan includes installation of suitable, desirable native wetlands species on four feet (4') centers within the portions of wetlands 1 through 3 and their respective buffers. All of wetlands 1 and 3 and their buffers will be planted while only the north, east and south perimeters of wetland 2 and its buffer are proposed for planting since the center of Wetland 2 contains mostly desirable wetland vegetation. Planting acreages for wetlands 1 through 3 and their buffer areas total approximately 2.40 acres, 1.63 acres, and 4.81 acres, respectively. Planting is anticipated to occur in mid to late May 2019, subject to rainfall patterns and appropriate soil conditions to ensure plant survivability, without having to irrigate new plantings. The actual planting timeframe will be determined by Johnson Engineering.

Wetland 1 & Buffer Area – 2.40 acres +/-

First Exotic/Nuisance Vegetation Treatment	\$ _____
Second Exotic/Nuisance Vegetation Treatment (if required)	\$ _____
Planting (including installation)	\$ _____
Subsequent Vegetation Treatments (per event)	\$ _____

Wetland 2 & Buffer Area - 1.62 acres +/-

First Exotic/Nuisance Vegetation Treatment	\$ _____
Second Exotic/Nuisance Vegetation Treatment (if required)	\$ _____
Planting (including installation)	\$ _____
Subsequent Vegetation Treatments (per event)	\$ _____

Wetland 3 & Buffer Area - 4.81 acres +/-

First Exotic/Nuisance Vegetation Treatment	\$ _____
Second Exotic/Nuisance Vegetation Treatment (if required)	\$ _____
Planting (including installation)	\$ _____
Subsequent Vegetation Treatments (per event)	\$ _____

TOTAL (ALL WETLANDS) First Treatment	\$ _____
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TOTAL (ALL WETLANDS) Second Treatment	\$ _____
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TOTAL (ALL WETLANDS) Planting	\$ _____
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GRAND TOTAL	\$ _____
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Wetland 1 & Buffer Supplemental Planting Area - 2.40 acres

<u>Common Name</u>	<u>Scientific Name</u>	<u>Comments</u>	<u>Min. Size</u>	<u>Stratum</u>	<u>Spacing⁵</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Fakahatchee grass	<i>Tripsacum dactyloides</i>	Perimeter / higher elevations	1 gallon	Ground cover	4' O.C. (70%)		
Sand cordgrass	<i>Spartina bakeri</i>	Throughout	1 gallon	Ground cover	5' O.C. (70%)		
Maidencane	<i>Panicum hemitomon</i>	Lower elevations	bare root	Ground cover	4' O.C. (70%)		
Sawgrass	<i>Cladium jamaicense</i>	Lower elevations	liner stock	Ground cover	4' O.C. (70%)		
Yellow canna	<i>Canna flaccida</i>	Lower elevations	bare root	Ground cover	4' O.C. (70%)		-
Subtotal:							-

Wetland 2 & Buffer Supplemental Planting Area - 1.63 acres

<u>Common Name</u>	<u>Scientific Name</u>	<u>Comments</u>	<u>Min. Size</u>	<u>Stratum</u>	<u>Spacing⁵</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Fakahatchee grass	<i>Tripsacum dactyloides</i>	Perimeter & higher elevations	1 gallon	Ground cover	4' O.C. (70%)		
Sand cordgrass	<i>Spartina bakeri</i>	Throughout	1 gallon	Ground cover	5' O.C. (70%)		
Maidencane	<i>Panicum hemitomon</i>	Lower elevations	bare root	Ground cover	4' O.C. (70%)		
Sawgrass	<i>Cladium jamaicense</i>	Lower elevations	liner stock	Ground cover	4' O.C. (70%)		
Yellow canna	<i>Canna flaccida</i>	Lower elevations	bare root	Ground cover	4' O.C. (70%)		-
Subtotal:							-

Wetland 3 & Buffer Supplemental Planting Area - 4.81 acres

<u>Common Name</u>	<u>Scientific Name</u>	<u>Comments</u>	<u>Min. Size</u>	<u>Stratum</u>	<u>Spacing⁵</u>	<u>Unit Cost</u>	<u>Total cost</u>
Fakahatchee grass	<i>Tripsacum dactyloides</i>	Perimeter & higher elevations	1 gallon	Ground cover	4' O.C. (70%)		
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Yellow canna	<i>Canna flaccida</i>	Lower elevations	bare root	Ground cover	4' O.C. (70%)		-
Subtotal:							-

Total:

Notes

1. Planted vegetation shall be from a local or regional (Orlando or south) source and nursery grown.
2. All harvested plant material shall be from a FDEP approved and permitted harvested site.
3. Plant installation work consists of furnishing and installing the complete plant materials and appliances required for the installation. Changes to plant species must be approved by the construction supervisor.
4. Cost estimates shown are intended for general planning purposes only and subject to change based on supply and demand.
5. Sand cordgrass shall be installed on 5' centers due to its size at maturity.

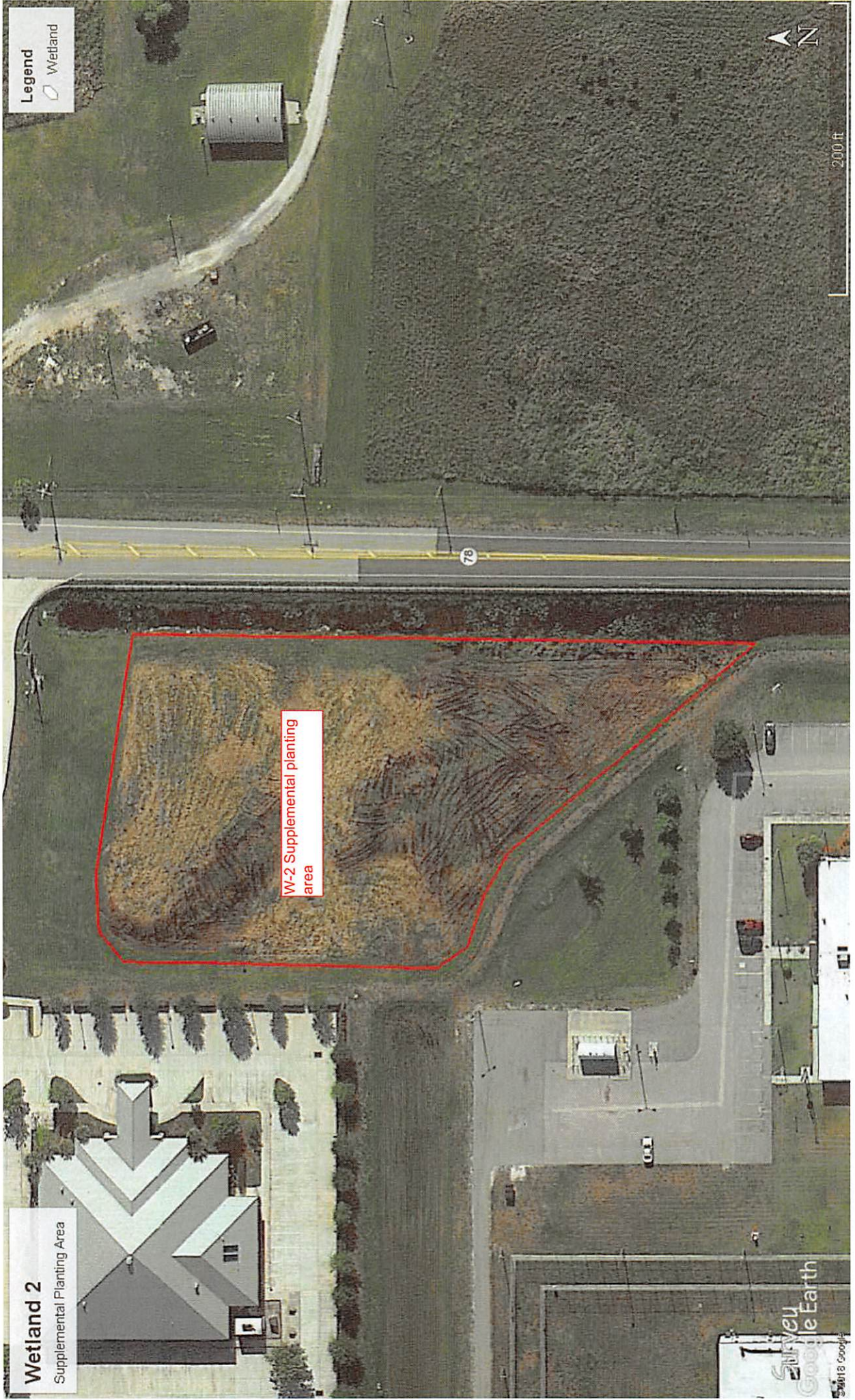
Wetland 1

Supplemental Planting Area

Legend

Wetland





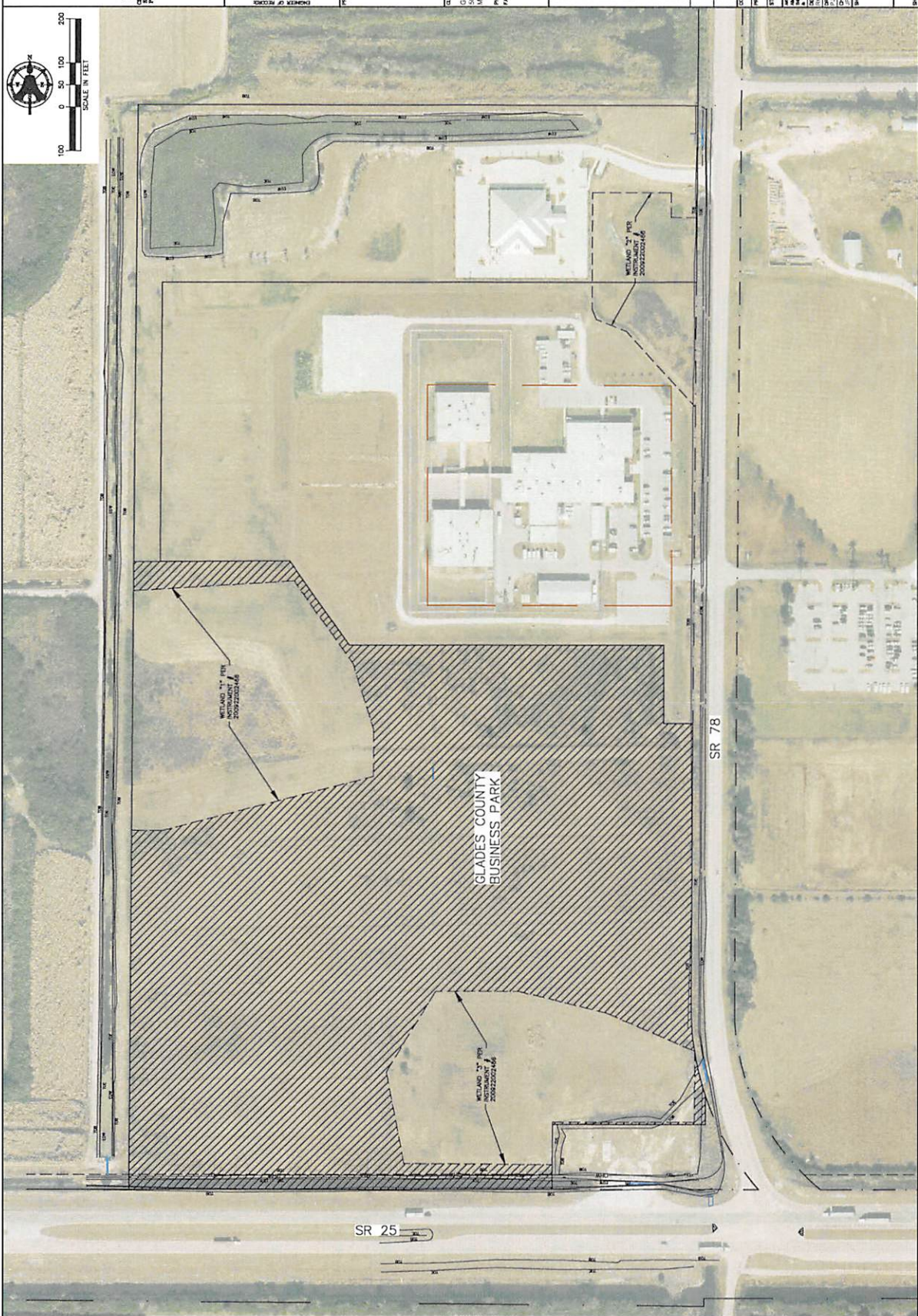
Wetland 3
Supplemental Planting Area

Legend

 Wetland

W-3 Supplemental planting area





 AIM Engineering & Surveying, Inc.	DATE 10/20/14	PROJECT NAME GLADES COUNTY BUSINESS PARK	CLIENT CONTACT PERSON GLADES COUNTY 500 AVENUE J MOORE HAVEN, FLORIDA 33471 PHONE: (850) 845-6000 FAX NO: (850) 845-2800	DESCRIPTION	SHEET NO.	SHEET TOTAL	SHEET TITLE AERIAL / MAP	DRAWN BY JAY CHECKED BY JAY DATE 10/20/14 PROJECT NO. 100-2013	PROJECT NO. 100-2013	SHEET NO. 1	SHEET TOTAL 1	SHEET TITLE AERIAL / MAP
PROJECT NO. 100-2013 SHEET NO. 1 SHEET TITLE: AERIAL / MAP DATE: 10/20/14 DRAWN BY: JAY CHECKED BY: JAY PROJECT NO.: 100-2013 SHEET NO.: 1 SHEET TOTAL: 1 SHEET TITLE: AERIAL / MAP												