

**ATTACHMENT A  
GRANT WORK PLAN  
CITY OF FORT LAUDERDALE  
LP06101**

<b>Project Title:</b> River Oaks Stormwater Park (River Oaks Preserve)
<b>Project Location:</b> The River Oaks 9.1 acre parcel is located in the River Oaks neighborhood which is located entirely within the City of Fort Lauderdale and Broward County. This project is adjacent to the South Fork of the New River (WBID 3277 A) a Florida listed impaired waterway (Sec 403.067(2) F.S and Ch 62-303 F.A.C) for fecal coliform and nutrients. The folio numbers are listed as follows: 504216000141, 504216000160, 504216000170, 504216460010, 504216000190, 504216000200, 504216000232, 504216000231, 504216000233, 504216000230
<b>Project Background:</b> The River Oaks neighborhood in Fort Lauderdale is one of the oldest communities in the City. As is common among older neighborhoods, most of the development was done without the necessity for permitting through the Department of Environmental Protection (DEP) or South Florida Water Management District (SFWMD). As a result, current requirements for detention/retention, water quality, and limited discharge were not implemented in development of the area. Because of this, there are multiple repetitive flood loss properties in this area. This problem has been compounded by rapid redevelopment that has increased the density of homes in this neighborhood.  Stormwater from this neighborhood historically would flow into the New River via an outfall that was cut off by the DOT access road in 2003. In 2007 the City met with the Broward County Environmental Protection Department and garnered support for the development of a new outfall that would restore historic flow paths and reconnect the area to the South Fork of the New River. Plans are to reestablish this outfall, and connect a new stormwater system to it. This outfall is adjacent to 9.1 acres of undeveloped land that had been slated for development. The City purchased this property in October 2009 with a deed restriction stipulating preservation of this property. The land will be used for storage and treatment of stormwater flows to the New River. Additionally, this will result in less flooding as stormwater can be stored on this property. This area has been studied, and because of the water levels in the adjacent water bodies, discharge is not always possible, especially at high tide. It was determined that the only way to significantly reduce flooding is to use land to temporarily store the stormwater so that it can naturally percolate into the ground or discharge during extreme events. This will not only serve to recharge the Biscayne Aquifer, but also reduce the amount of stormwater discharge to the New River after each rain event. The City has been strategically purchasing properties in the neighborhood to help address the growing stormwater needs of the area. Developing the stormwater infrastructure on this 9.1 acre parcel will allow for development of a regional facility that will provide retrofit water quality benefits while reducing flooding in the River Oaks neighborhood.  Based on efficiencies realized, there will remain a balance of \$151,687 for this grant to allow for more aspects of the \$9+ million project to be funded
<b>Project Description:</b>  <i><b>1.Task:</b> Finalize Land Purchase <b>1a.Deliverable:</b> Title free and clear of any contractual obligations. <b>Completion Date:</b> February 2012 <b>Budget Information:</b> \$500,000 <b>Land:</b> 9.1 acres located within River Oaks Land purchase All contractual obligations for this task have been clear giving free and clear title to the City in April 2011. Disbursement request for \$500,000 was submitted May 4, 2011. Remittance of \$160,000 was received September 30, 2011. Another request was processed for the remaining \$340,000 on October 3, 2011. Remittance was received November 9, 2011.</i>

**2.Task :** Facilitate Meetings

Successfully coordinate the logistics involved with designing, permitting, and implementing a new regional stormwater facility along with the collection and outfall systems. Meetings will be held with permitting government agencies, residents, business owners and City personnel at frequency to be determined based on project progress. Public outreach and stakeholder comments will be sought at the beginning of the project to communicate the project goals, identify concerns, and evaluate comments. Meetings will also be coordinated with City engineers and contracted engineering staff at project startup, 30%, 60% 90%, and 100% design phases. Following the design phase, meetings with regulatory agencies for permitting will be scheduled and permits obtained for this phase of the work. Construction kick-off meetings, 50% build, and punch list meetings will also be scheduled based on progress schedules. Meeting places will be determined based on need and participants.

**2a.Deliverable:** Sign-in sheets, meeting dates, presentations, agendas or topics.

**Completion Date:** February 2015

**Budget Information:** \$0 -

**Contractual:** This task has been performed by City Staff for public outreach and as a function of the Consultants contracts. Deliverables will still be supplied.

Performance Standard: The DEP Grant Manager will review deliverables to verify contract requirements met.

**3.Task :** Stormwater Park Design

Update the existing stormwater model and apply it to facilitate the design and permitting of the stormwater facility and associated infrastructure. Develop a permitable solution that addresses the regional water quality issues while providing flood relief on a localized level.

**3a.Deliverable: bid tabulation, Professional Services contract, plans and** supporting documentation

**Completion Date:** August 2013

**Budget Information:** \$130,000

**Contractual: Professional Services and City Engineering \$130,000**

Performance Standard: The DEP Grant Manager will review deliverables to verify contract requirements met.

**4.Task:** Obtain Permits

**4a.Deliverable:** Professional Services contract, ERP permit and other associated permits.

**Completion Date:** August 2015

**Budget Information:** \$13,000

**Other Expenses:** Professional Services \$13,000

Performance Standard: The DEP Grant Manager will review deliverables to verify contract requirements met.

**5.Task:** Bidding

Bidding is a staff function and will be reflected as staff time for this project. Deliverable will still be supplied.

**5a.Deliverable: Bid tabulation, Consulting contract**

**Completion Date:** April 2013

**Budget Information:**

**Contractual: Professional Services \$0 –**

The annual stormwater construction contract was utilized to accomplish this task. Therefore bidding was already conducted and the no impact to the grant occurred.

Performance Standard: The DEP Grant Manager will review deliverables to verify contract requirements met.

**6.Task:** Construction

Restoration construction performed as maintenance of the floodplain. This will complete the first phase of construction for this site. The next phase(s) will be determined from the design plans in task # 3 above that will construct the facility to provide retrofit water quality treatment, wetland preservation and enhancement, as well as flood control while acting as an amenity for the surrounding community.

**6a.Deliverable: Construction contract, contractor's application for payment with supporting invoices, timesheets for City staff**

**Completion Date:** April 2013

**Budget Information:** \$10,000

**Contractual: Internal Professional Engineering Services \$10,000**

City funds were utilized to perform the construction resulting in match funds of \$32,900. The budget of \$10,000 FDEP grant funds will be attributed to City Staff Engineering Design and administration that provided the plans

used for restoration construction. The annual stormwater construction contract was utilized to accomplish this task resulting in a match of \$32,910 from the City's annual stormwater construction budget.  
 Performance Standard: The DEP Grant Manager will review deliverables to verify contract requirements met.

**7. Task:** Additional Amenity and Parking Design

Utilize engineering consulting services to: design parking and amenities that enhance functional utility of project; develop a permitable solution that enhances and complements the current wetland design while integrating with surrounding property uses; obtain an easement from FDOT to design and construct a parking area underneath I95 overpass and allow unfettered access to the FDOT area bordering the preserve (this will allow access to the property bordering the designed wetland and to the river while increasing the wetland area); obtain permits from all agencies.

**7a. Deliverable:** Bid tabulation, Copy of contract, Plans, Staff timesheets with documentation, Supporting documentation, Permits, agreements, and DOT easement.

**Completion Date:** August 2015

**Budget Information:** \$141,500

**Contractual:** Professional Service \$141,500

Performance Standard: The DEP Grant Manager will review deliverables to verify contract requirements met.

**8. Task:** Fencing

Property is currently cleared prior to construction funding. Fencing will be required to restrict access now from illegal dumping and for access in the future during construction.

**8a. Deliverable:** Copy of permit, fence installation receipts, pictures of fence

**Completion Date:** December 2014

**Budget Information:**

**Contractual:** Professional Service \$5,500

Performance Standard: The DEP Grant Manager will review deliverables to verify contract requirements met.

**THIS SHOULD BE DONE FOR EACH TASK AND EACH DELIVERABLE TO BE COMPLETED UNDER THIS AGREEMENT. PAYMENT IS TIED TO THE SUBMITTAL AND ACCEPTANCE OF DELIVERABLES. DELIVERABLES MUST BE QUANTIFIABLE AND MEASURABLE AND THERE MUST BE A PERFORMANCE STANDARD THAT IS SPECIFIC TO THE APPROVAL OF THE DELIVERABLE.**

**Total Budget by Task and Deliverables:** *The tasks and deliverables identified here should agree with the tasks and deliverables identified and described above. Identify the deliverables for the tasks as follows: 1a, 1b, etc. Do not list required progress reports and final reports as deliverables as they are required under all agreements and are not project specific.*

Tasks		DEP Funding	Matching Funds and Source	
			Matching Funds	Source of Funds
1	Finalize Land Purchase	\$500,000	\$0	
3	Stormwater Park Design	\$130,000		
4	Obtain Permits for task 3	\$13,000		
5	Bidding	\$0		
6	Construction	\$10,000	\$32,910	City Stormwater Fee

7	Additional Amenity and Parking Design	\$141,500		
8	Fencing	\$5,500		
	Total:	\$800,000	\$32,910	
	Project Total:	832,910		
<b>NO MATCH REQUIRED</b>				