







**Location Map**

N.T.S.

**ATTACHMENT # 1**

**CONSULTANT SERVICES AUTHORIZATION**

**LBFH, INC.**

***Annual Parks & Recreation Consultant***

**LIGHT HARBOR MARINA (MOROSO PARK)**

**PROJECT NO. 96213**

**DISTRICT NO. 7**

**THIS SUPPLEMENT No. 4 to AUTHORIZATION NO. 1** to the Agreement dated 11/18/03 (R2003-1898) between Palm Beach County and the Consultant identified herein is for the Consultant Services described in Item 3 of this Authorization.

1. **CONSULTANT:** **LBFH, INC.**  
**2090 PALM BEACH LAKES BOULEVARD, SUITE 600**  
**WEST PALM BEACH, FL 33409**

2. **Services completed to date:** Authorization No. 1 & Supplement Nos. 1, 2 and 3 authorized LBFH to provide professional services including survey & geotechnical investigative services, preliminary design development preparation for upland and waterside facilities, preliminary regulatory investigation, ERP acquisition assistance, site plan approval, cost estimation, platting and geotechnical services, and subconsultants' final architectural/engineering design and permitting. This effort was 80% complete in February 2007.

3. **Description of Services to be provided by Consultant:** Professional services shall include final engineering design for construction document preparation and complete construction administration services, as detailed on the attached proposal dated January 10, 2007.

4. **History:**

<u>Item</u>	<u>Date</u>	<u>Amount</u>	<u>Approval</u>
CSA No. 1	07/27/05	\$ 41,590.00	CRC
Supp. 1 to CSA No. 1	12/21/05	\$ 28,295.00	CRC
Supp. 2 to CSA No. 1	06/22/06	\$ 2,935.00	AW
Supp. 3 to CSA No. 1	01/24/07	\$ 98,261.00	CRC

3. **Time of Commencement:** Consultant shall begin work promptly on the requested services upon receipt of this executed document which shall constitute official "Notice to Proceed".

4. **Compensation:** The compensation to be paid to the Consultant for the requested services shall be:

Lump Sum charge of **\$126,448.00**

5. **This Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed to termination**

**ATTACHMENT #2**

date, together with reimbursable expenses (if applicable) then due.

Consultant agrees to waive any and all claims for lost profits or anticipated future profits in the event of a termination with or without the cause under this agreement.

8. This Supplement No. 4 to Consultant Services Authorization No. 1 is for services partially completed by the consultant prior to the approval date of the referenced consultant services authorization.
9. **EXCEPT AS HEREBY AMENDED, CHANGED OR MODIFIED**, all other terms and conditions of the original Agreement remain in full force and effect.

**IN WITNESS WHEREOF**, this Authorization is accepted, subject to the terms and conditions of the aforementioned Agreement.

**COUNTY**

ATTEST:

Sharon R. Bock, Clerk & Comptroller

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

By: \_\_\_\_\_  
Deputy Clerk

By: \_\_\_\_\_  
Addie L. Greene, Chairperson

WITNESS:

**CONSULTANT**

Faith Oakman

By: Jeffrey D. Renault  
Jeffrey D. Renault, P.E.  
Vice-President

Faith Oakman  
Name (type or print)

Date: 3-22-07

Approved as to Form and Legal Sufficiency

Approved as to terms and conditions

\_\_\_\_\_  
Assistant County Attorney

John Anthony Wolf  
Director - F D & O



CONSULTING CIVIL ENGINEERS,  
SURVEYORS & MAPPERS

January 10, 2007

Dave Dolan, P.E., Project Manager  
Palm Beach County Facilities Development & Operations  
Capital Improvements Division  
3323 Belvedere Road, Building 503  
West Palm Beach, Florida 33406

**Subject: Proposal for Construction Administration Services for Moroso  
Park, Palm Beach County, Florida**

Dear Mr. Dolan:

In accordance with our recent discussions, LBFH, Inc. appreciates the opportunity to submit our revised Proposal to provide Engineering Services for the above referenced project. Attached you will find the revised Exhibit "A", Scope of Services.

The following is our understanding of the project. This proposal includes the costs for construction observation and contract administration services as well as LBFH civil engineering design services. This proposal assumes 12 months construction time for the marine elements, 14 months construction time to substantial completion and 15 months construction time to final completion.

We propose to perform the attached services for you on a lump sum basis. I have attached a man-hour spreadsheet summarizing the costs associated with performing the tasks presented in our Scope of Services. Services to be provided will be in accordance with the Policy and Procedures Manual for Design Professionals.

If this proposal is acceptable to you, please process through the appropriate channels and issue us an authorization to proceed. I would appreciate you letting us know if there is any additional information you need in connection with this proposal. I look forward to hearing from you in the near future and working with you on this project.

Very truly yours,

**LBFH, Inc.**

Jeffrey D. Renault, P. E.  
Vice President

JDR/dw

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2090 Palm Beach Lakes Blvd.  
Suite 600  
West Palm Beach, FL 33409  
(561) 684-3375  
Fax: (561) 689-8531  
www.lbfh.com



**Exhibit A  
Scope of Services**

**Moroso Park  
Construction Phase Services**

LBFH, Inc. will perform the following services:

**Task 1: Contract Administration and Construction Observation:** LBFH, Inc. shall:

- A) Attend a pre-construction meeting.
- B) Review shop drawings.
- C) Perform periodic construction observation (assumes 2 visits per week for 26 weeks by our field representative).
- D) Project engineer will attend one progress meeting per month and one payment application meeting per month at the project site (15 months).
- E) Process contractor's payment applications.
- F) Attend semi-final and final walk through with the County.
- G) Prepare and provide the County with Record Drawings in electronic format.
- H) Prepare final certifications.

**Lump Sum Fee: \$ 26,045**

**Task 2: Landscape and Irrigation:** LBFH, Inc. will sub-contract to Gentile, Holloway, O'Mahoney and Associates, Inc. to prepare the following construction plans:

- A) Provide landscape and landscape irrigation, construction contract administration services.

**Lump Sum Fee: \$4,978**

**Task 3: Boat Basin:** LBFH, Inc. will sub-contract to Dixon Associates Engineers, Inc. to provide the following services:



1. Periodic construction observation by construction inspector and engineer.
2. Review of shop drawings for pilings, reinforcing steel, concrete mix design, and floating docks.
3. Attend field meetings (assume 6 at 3 hours each).
4. Review contractor invoices.

**Lump Sum Fee: \$48,928**

**Task 4: Site Lighting/Electrical:** LBFH, Inc. shall sub-contract with Hillers Electrical Engineering, Inc. (HEE) for engineering services during construction for electrical and lighting for the proposed improvements:

- Construction Services include Electrical & lighting Shop drawing reviews & approvals, RFI-Responses, periodic site visits for testing/verifications electrical & lighting systems final inspection for certification.
- Does not include full on-site inspections.
- Complete electronic "As-Built" Record drawings per Contractor "Red Line" Markups.

**Lump Sum Fee: \$ 11,644**

**Task 5: Architectural:** LBFH, Inc. will sub-contract to Island Designs, Inc. for architectural services including the following:

Island Designs, Inc. shall provide Architectural services including Construction Administration.

#### **A. Scope of Work**

The design will be based on the "600 sq. ft. Restroom Building" Palm Beach County Parks and Recreation Department prototype design dated March 2004. Island Designs, Inc. will provide the above noted services for the building.

1. MEP Engineer limited to one (1) substantial completion and one (1) final site visit during construction per building. Structural Engineer limited to one (1) visit during construction.
2. Construction Phase Services limited to pre-construction meeting, review of shop drawings, responses to requests for information, review of change orders, monthly visit during construction phase,



substantial completion punch list/survey and two (2) final completion visits. Review of Monthly Application and Certificates for Payment shall be by others.

**Lump Sum Fee: \$ 5,674**

**Task 6: Construction Administration Services for Spartina Marsh, Seagrass, and Oyster Mitigation:** LBFH, Inc. will sub-contract to Environmental Services, Inc. for the following:

1. ESI will provide construction administration for the spartina marsh, seagrass, and oyster reef mitigation.

**Lump Sum Fee: \$ 2,200**

**Task 7: Engineering Design:** LBFH, Inc. shall:

- A) Finalize drainage calculations.
- B) Prepare construction drawings for site grading, paving and drainage, and water and sewer improvements.
- C) Prepare calculations and plans for grinder pump station.
- D) Prepare a horizontal control plan.
- E) Prepare typical roadway sections.
- F) Prepare standard details and general notes.
- G) Pavement marking and signage plan.
- H) Prepare an Opinion of Probable Construction Costs.
- I) Prepare technical specifications for construction (the County will provide LBFH with technical specifications from other similar parks projects for our reference together with County standard front end contract documents).
- J) Submit 90% progress plans and 100% plans to the County, review County comments and make plan revisions, if necessary.
- K) Provide QA/QC during the design process.
- L) Conduct bi-weekly meetings with subconsultants.



M) Attend a pre-bid meeting with the Client and provide responses to Contractors RFI's.

N) Subconsultant management fee.

**Lump Sum Fee: \$26,979**

**TOTAL PROJECT LUMP SUM FEE: \$126,448**



**Special Provisions:**

The following Special Provisions shall qualify or supplement any provision in this Agreement, and shall override and take precedence over any provisions with which they may be in conflict:

1. The CLIENT will provide all permit application fees.
2. This contract provides for the preparation of a single-phase project. Additional phasing shall be compensated for in accordance with a subsequent Agreement for Services.

**Summary of Fees**

	LBFH	GHO (SB)	Hillers Elec. (SB)	Island Designs (SB)	ESI	Dixon
Task 1: Engineering Design & Construction Administration	\$26,045					
Task 2: Landscape Design		\$4,525				
Task 3: Design of Boat Basin						\$44,480
Task 4: Site Lighting/Electrical Design			\$10,585			
Task 5: Architectural Services				\$5,158		
Task 6: Construction Administration Services for Spartina Marsh, Seagrass & Oyster Mitigation					\$2,000	
Task 7: Engineering Design	\$26,979					
Total Subconsultant Management	\$6,676					
Total Lump Sum Fees	\$59,700	\$4,525	\$10,585	\$5,158	\$2,000	\$44,480

**Total Fee \$126,448**  
**SBE Fees \$20,268**