

A RESOLUTION OF THE KEY WEST CITY COMMISSION AUTHORIZING THE APPROVAL OF TASK ORDER NO.1 FOR EDSA, INC. IN AN AMOUNT NOT TO EXCEED \$173,960 TO PROVIDE DESIGN, CONSTRUCTION DOCUMENTS AND PERMITTING FOR THE INDIGENOUS PARK, BOCCE BALL COURTS AND REST BEACH ACCESS; AUTHORIZING ALLOCATION OF FUNDS FROM INFRASTRUCTURE RESERVES; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, The City recognizes that the Indigenous Park, the adjacent Bocce Ball Courts, Wild Bird rescue facility and access to Rest Beach are highly used recreation facilities important to the City recreation needs, with the Indigenous Park having been without proper design and maintenance; and

WHEREAS, Monroe County has recently approved the phased reconstruction of adjacent Higgs Beach Park which will affect the usage of Indigenous Park and offers the City an opportunity to renovate Indigenous Park in concert with County efforts to provide vastly improved recreational facilities to serve the Citizens of Key West and it's visitors.

NOW THEREFORE BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS:

Section 1: That the attached Task Order No. 1 for EDSA to Design Indigenous Park and its Environs be approved.

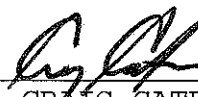
Section 2: That the use of funds from the infrastructure reserve account in the amount of \$43,690.00 is hereby authorized.

Section 3: This resolution shall go into effect immediately upon its passage and adoption and authentication by the signatures of the Mayor, or presiding officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 20 day of February, 2013.

Authenticated by the presiding officer and Clerk of the Commission on February 20, 2013.

Filed with the Clerk February 21, 2013



CRAIG CATES, MAYOR

ATTEST:


Cheryl Smith, City Clerk

EXECUTIVE SUMMARY



To: Bogdan Vitas, City Manager

Through: Donald Leland Craig, AICP, Planning Director

From: Donald Leland Craig, AICP, planning director

Meeting Date: February 20, 2013

RE: Indigenous Park, Bocce Ball Courts, Rest Beach and Wild Bird Center Design Task Order #1.

ACTION STATEMENT:

Approve the attached work order #1 to EDSA for \$173,690 for the completion of design, construction documents and permitting, including reimbursable expenses to enable the rehabilitation/re-use of Indigenous Park, the upgrading of the Bocce Ball Courts, upgrading of the Wild Bird Center and integration of these design efforts with improved access to Rest Beach. Authorizing the use of \$43,690 of the total fee to be drawn from Fund 101, Infrastructure Reserves.

Request: Approve the resolution directing the City Manager to sign the Task Order with EDSA

Location: The Indigenous Par area inclusive of Rest Beach and the Bocce Ball courts.

BACKGROUND AND ANALYSIS: The City has for many years struggled with the most appropriate long term use of the Park and today it serves a variety of uses including, Wild Bird Rescue Center; storage area for the Urban Forestry Department; a major pump station for the City's drainage system; the City Bocce Ball Courts, automobile parking serving the Courts, White Street Pier and Rest Beach; and a de facto nature preserve.

Since the park was flooded several times in the severe 2004 and 2005 hurricane seasons, little comprehensive management of the Park resources have occurred. The County's completion of a long range Master Plan for the re-development of the immediately adjacent Higgs Beach Park together with planned improvements to the White Street Pier AIDS Memorial, recent improvements to Atlantic Boulevard and the planned terminus of the Overseas Heritage Bicycle Trail at Higgs Beach all indicate to staff the opportunity to initiate the long delayed design for the Indigenous Park and its environs. Money has been budgeted for this effort for several budget cycles, but has not been expended, pending among other things the improvement design for Atlantic Boulevard and the approval of the County's new design for Higgs Beach Park. The funding for the park design was carried over in the 2012-2013 budget at \$130,000 for the park only, but the expanded scope of the project both in area and detail together with wetland delineations and

permitting resulted in the higher professional fee. The additional funds will be adjusted from the infrastructure reserve in the amount of \$43,690.

An initial focus of the design effort will be to gather all appropriate stakeholders including surrounding property owners, the Bocce Ball Club, the County, and the state environmental agencies to understand their wishes and constraints so that design can be sensitive to their concerns.

The schedule calls for the completion of all tasks, inclusive of 240 days from start of project authorization. Depending upon availability of funds, phased construction could start in early 2014 after bidding.

Separate from the planned design effort the City has received a grant from the Toyota/National Audubon Grant Program for \$28,250 to allow the installation of a cistern and salt water well to provide water for the Wild Bird Center. This project will be complete in late Spring 2013, and will be integrated into the new park design.

In the past the park has been used for hurricane debris removal staging and with any moderate storm is affected by flood waters. The susceptibility of the park and its environs to this locational reality will be assessed in the design.

EDSA is one of the three landscape design firms under contract by the City available to assist the City in diverse design tasks. EDSA is one of the oldest, best known and innovative landscape architecture firms in the nation and state. Their park designs are award winning for beauty, sustainability and cost effectiveness. The firm views the opportunity in Key West as an opportunity to assist the City in creating a signature park to compliment the City and County efforts in this portion of the City. The team put together by EDSA has the City staff's greatest confidence in abilities.

Previous City Actions: Not applicable

Attachments:

- 1. EDSA Task Order N0. 1**
- 2. Cistern/Salt Water Well Toyota/Audubon Grant Status Report**
- 3. Description of similar projects by EDSA**

Options/Advantages/Disadvantages:

Option 1: Approve the Task Order.

- 1. Consistency with the City's Strategic Plan, Vision, and Mission: The City Strategic Plan calls for the re-vitalization of City parks and Buildings in a sustainable manner with attention to long term cost effectiveness. This proposed design effort will achieve that purpose for this under-utilized park.**
- 2. Financial Impact: The city will expend the funds for the design, construction documents, and permitting which are available now. It is**

necessary to utilize \$43,690 from infrastructure reserve to complete the design and construction documents.

Option 2: Disapprove the Task Order

1. **Consistency with the City's Strategic Plan, Vision, and Mission:** This option will delay the revitalization of the Park, with a diminishing return to the Citizens of Key West of the previous expenditures to minimally maintain the Park.
2. **Financial Impact:** This option would have no impact.

Recommendation

The Planning Department recommends **approval** of Option No. 1 directing the City Manager to execute the EDSA Task Order No. 1.



December 19, 2012

Mr. Don Craig, ACIP
Director of Planning
City of Key West
P.O. Box 1409
3140 Flagler Avenue
Key West, Florida 33401

Sent via email: dcraig@keywestcity.com

Re: EDSA Work Authorization for Indigenous Park

Dear Don,

We are excited at being selected as one of your continuing consultants for the City of Key West. We enjoyed our conversation and it sounds like there will be quite a bit of activity going on in the City. We are certainly up for the challenge and are confident that our expertise can be utilized to its fullest potential in an effort to keep Key West a great place to live and to visit.

We are equally excited to get started our continuing services contract with the Indigenous Park, located along Atlantic Boulevard between White Street and Stevens Avenue.

We are receipt of the new comments and have again revised our proposal accordingly. For your review and execution, please find the revised Task Order for the planning, design and preparation of construction drawings for the park.

If you have any questions, please let us know.

All the best,

A handwritten signature in black ink that reads "Paul D. Kissinger" with a stylized flourish at the end.

Paul D. Kissinger, FASLA, PLA
Principal and Chief Operating Officer

cc: Jeremy Belitz, Marketing, Accounting, Kristen Lawlor

EXHIBIT B

TASK ORDER #1: INDIGINOUS PARK

SCOPE OF WORK AND FEE SCHEDULE

INTRODUCTION

The following scope of services is for the redevelopment of the Indigenous Park, located along Atlantic Boulevard between White St. and Stevens Ave. bordered to the northwest by a residential neighborhood. Please see Exhibit B-1 for the specific project limits. The Key West Wildlife Center, existing bocce ball courts, pavilion, and restrooms locations and use will be considered during conceptual design phase of the project.

EDSA as the lead and prime consultant, has assembled a multi-disciplinary team and will be responsible for overall team management, planning, landscape architecture and urban design, and public consensus building. The rest of the team includes:

- Florida Keys Land Surveying: Survey
- Perez Engineering & Development Inc.: Civil Engineering
- Terramar Environmental Services Inc.: Environmental Consultant
- Masuen Consulting LLC: Irrigation

Hereinafter the above team will be referenced as the "EDSA Team".

PROJECT OBJECTIVES

We understand that the purpose of the project is to revitalize and create a signature small park taking advantage of the natural site elements to be enjoyed by local residents and citizens of Key West, Florida.

Key improvements will include:

- Create overall park theme
- Pedestrian improvements and circulation
- Pedestrian and vehicular connections to C.B. Harvey Rest Beach to the south and to Higgs Beach Park to the west
- Passive park areas
- Landscape beautification
- Pedestrian lighting and site furnishings
- Additional parking
- Study best use of park's existing structures and locations
- Shade element over existing bocce ball court
- Preservation of existing specimen vegetation
- Identification of park wetlands
- Address drainage issues in low areas to provide positive drainage
- Screen existing utility structure

SCOPE OF SERVICES

The following Scope of Services is designed to take the Indigenous Park, through Detailed Design Documents for implementation.

Task 1: Research/Data Collection

- 1.1. **Site Survey:** The survey will meet all requirements for city of Key West code of ordinance sec. 108-240, as described below:

Sec. 108-240. - Site survey. A site survey prepared by a certified land surveyor shall be included in the development plan illustrating the following:

- 1.1.1. Existing conditions.
 - a) A site survey at a scale of 20 feet to one inch showing topographic contours at one-foot intervals and extending 25 feet beyond the property boundaries.
 - b) High water elevation or boundaries of coastal shoreline and/or other waterbodies and canals, both on site and within 50 feet of the site.
 - c) Existing surface drainage characteristics of site including relationship to adjacent land areas. The site survey shall include all existing structures. Any existing structures on site which do not comply with Federal Emergency Management Agency (FEMA) flood hazard regulations shall be identified on the survey.
 - d) Federal Emergency Management Agency (FEMA) flood hazard zone or limits of the 100-year flood.
 - e) Boundaries of environmentally sensitive areas, including an environmental survey and audit as needed.
- 1.1.2. Locate and identify all monocot trees which are eight feet or greater in height measured to the terminal bud and which are 3.5 inches or greater at breast height. All dicot trees which are 3.5 inches or greater at breast height.
- 1.1.3. All horizontal data will be based on the NAD83 Florida state plane coordinate system, east zone(0901) and shown in U.S. survey feet
- 1.1.4. All vertical data will be based on the NGVD29 datum and shown in U.S. survey feet.
- 1.1.5. Research on any existing deed restrictions or use limitations that may exist on the property due to conveyance from the original owners (Federal, State, Local, or private landowners).

- 1.2. **Environmental Consultant:** Terramar Environmental Services, Inc., as part of the overall EDSA Team will assist the Client in delineating wetlands on the property and developing a complete Environmental Resource Permit (ERP) application for submittal to the Florida Department of Environmental Protection (FDEP), South Florida Water Management District (SFWMD) and the U.S. Army Corps of Engineers (COE) as may be required to complete the project. Following submittal of the ERP application, coordination with FDEP, COE and other resource agencies will be required. Our scope includes required follow-up to complete the ERP process including agency site visits and written responses to agency requests. The scope of services will include the following elements:

- 1.2.1. Preparation of a wetland delineation and environmental report that identifies all habitat types on the property including wetlands and surface waters.
- 1.2.2. Preparation of wildlife surveys including threatened and endangered species, if required.
- 1.2.3. Project review including joint site visits and review of progress and construction level drawings.
- 1.2.4. Assistance with design to avoid / minimize wetland impacts within regulatory context.
- 1.2.5. Preparation of a wetland functional assessment (UMAM) for mitigation purposes if impacts to wetlands are anticipated.
- 1.2.6. Preparation of a complete ERP application for permitting, if required.
- 1.2.7. Attendance at meetings with City of Key West staff and also Public Meetings as required by the Client.

- 1.3. Once the site survey and wetland mapping has been completed, the representatives of the EDSA Team will visit the site and consult with the CLIENT to clarify and define the CLIENT's requirements for the Project and review available data. During this process, we will identify and analyze permit and approval requirements of all governmental authorities having jurisdiction to approve the design of the Project. In addition, we will finalize base maps for utilization in the design process.

Deliverables

- Preparation of base maps and survey
- Field verification of existing structures
- Wetland delineation
- Environmental report
- Site Visit and one (1) client meeting in Key West
- Identify permitting and approval requirements

Task 2: Conceptual Design

- 2.1. The EDSA Team will study conceptual alternatives for the Indigenous Park. Specific areas will include pedestrian circulation, additional parking opportunities, recommendations regarding treatment of paving surfaces and hardscape edges including both materials and patterns, lighting, access locations to adjacent C.B. Harvey Rest Beach and Higgs Beach Park, site furnishings and landscape. The planning and design process will include the preparation of Conceptual Design Alternatives (1st submission) for review and discussion with the City of Key West. Based on feedback and direction from these meetings, the EDSA Team will refine and prepare the Final Conceptual Design drawings (second submission) for review and discussion with the City of Key West. Based on the approved Conceptual Design the EDSA Team will move forward into the Major Development Plan for presentation to the City of Key West for approval.

Deliverables

- Base information review/identification of site design issues/opportunities
- Conceptual Design Drawings
 - Up to two (2) Conceptual Design Alternatives with three (3) supporting illustrations depicting the character and theme of the proposed development
 - One (1) Final Conceptual Design drawing site plan and up to five (5) supporting sections, sketches and or image boards

Task 3: Major Development Plan

3.1. Major Development Plan – Based upon the approved Conceptual Design, the EDSA Team will prepare a Major Development Plan for submission to the City of Key West. In addition, these drawings will fix and describe recommended materials, furnishings, and other elements critical to the design of the project. As these drawings will be utilized for permitting at the Major Development Plan level, the format will meet the requirements of the City of Key West Major Development Plan permitting (See attachment for Major Development Plan Application). These drawings will address:

- 3.1.1. Paving and Hardscape materials
- 3.1.2. Lighting (Fixture selection, photometrics and location)
- 3.1.3. Site Furnishings and Site Features
- 3.1.4. Irrigation (mainline only)
- 3.1.5. Landscape
- 3.1.6. Roadway Alignment Plan coordination
- 3.1.7. Preliminary Engineering Plans, including:
 - 3.1.7.1. Paving, Grading and Drainage
 - 3.1.7.2. Water and Sewer
 - 3.1.7.3. Utility relocation
 - 3.1.7.4. Pavement Markings and Signage

3.2. During the development of the Major Development Plan set, the EDSA team will confirm that the site plan is compliant with applicable codes for vehicular circulation as regulated by the governing county agencies and presiding Fire Marshall requirements, review preliminary drainage/stormwater storage areas, conveyance methods, site grading including roadways, building pads and terrain features.

3.3. As part of the development of the Major Development Plan set, the EDSA team anticipates at least three (3) revisions to the plans to incorporate permit comments. As part of this process, the EDSA team anticipates participating in at least three (3) permit review meetings. These meetings to be held via Skype or Web-ex.

Deliverables

- Major Development Plan Set (including Three (3) set of revisions)
- Review meeting via Web-ex or Skype call

Task 4: Contract Documents for Bidding

4.1. Based upon the approved Major Development Plan, the EDSA Team will prepare Contract Documents to fix and describe recommended materials, furnishings, and other elements critical to the design of the project. At the Contract Document level, the format is more detailed and is essentially a 50%, 90% and 100% Construction Document set. These drawings will address:

I. Demolition Plans

II. Parking Improvements/Geometry and baseline

III. Layout Plans

These plans shall reflect the location and dimensioning of the following elements:

- Plazas and walkways
- Steps, ramps and retaining walls
- Site furnishings
- Exterior lighting
- Specialty features

IV. Hardscape/Paving Plans

- Special pavement materials (Type and location)
- Pedestrian surfaces/Plazas
- Curbs and paving borders
- Special pavement patterns

V. Engineering Plans

- Paving, Grading and Drainage Plans
- Water and Sewer Plans
- Utility Relocation Plans
- Pavement Marking and Signage Plans
- Storm Water Pollution Prevention Plan

VI. Electrical Engineering

- New Power Distribution with Power Company Coordination (if necessary)
- Lighting Controls
- Coordination with Existing Landscape
- Secondary Service connections

VII. Planting Plans

- Quantity, size, and description of the following:
- Trees (including relocation of any existing trees)
- Shrubs and groundcovers
- Soil mixes
- Planting details and specifications

VIII. Irrigation Plans

(City to supply source information for irrigation source, i.e., well or City water source)

- Irrigation Plan
- Piping and hydraulics design
- Pump and/or well design
- Details and notes

IX. Construction Details

- Decorative walls
- Special pavements
- Various lighting treatments
- Landscaped edges and buffers
- Stairs, ramps, walls and walkways
- Curbs and hardscape edges
- Site furniture
- Construction Details

X. Full Contract Documents for Bidders

- Contract Specifications (provided by City)
- Bidding Specifications (provided by City)
- Technical Specifications
- Bid Form

Deliverables

- 50% Progress Drawings
- 90% (Permit Set) and 100% Construction Document Package (Implementation Set). EDSA Team will provide one (1) electronic copy and one (1) hard copy of package to client
- Final Specifications – one (1) electronic copy and one (1) hard copy of package to client.
- 50%, 90 % and 100% Construction Cost Estimates

Task 5: Permitting

5.1. The EDSA team will provide permitting assistance to the City of Key West, with plans, calculations, preparation and participation in meetings. More specifically, we anticipate the following permits and processing necessary (City of Key West, Monroe County and the State of Florida).

5.1.1. Permits:

5.1.1.1. Florida Department of Environmental Protection (FDEP)

5.1.1.1.1. Water Distribution Systems Construction Permit

5.1.1.1.2. Sewer Collection Systems Construction Permit

5.1.1.1.3. Environmental Resource Permit (ERP)

5.1.1.2. Florida Department of Transportation

5.1.1.2.1. Drainage, Utility and Roadway Connection Permit

5.1.1.3. South Florida Water Management District (SFWMD)

5.1.1.3.1. Environmental Resource Permit (ERP)

5.1.1.4. U.S Army Corp of Engineers District (COE)

5.1.1.4.1. Environmental Resource Permit (ERP)

5.1.1.5. U.S Fish and Wildlife Services

5.1.1.6. City of Key West

5.1.1.6.1. Master Development Plan Conditional Use/Site Plan Application

5.1.1.6.2. Building Permitting

5.1.1.6.3. Vehicle circulation compliance with Fire Marshall (if needed)

Task 6: Public Consensus Building / Meetings

6.1. As part of the planning process associated with the Conceptual Design, EDSA will prepare for and attend the following meetings:

6.1.1. Public Consensus Building Meetings:

6.1.1.1. One (1) focus group meetings, with the residents /constituents of Key West.

6.1.1.2. One (1) public meeting

6.1.2. As part of the planning process associated with the Major Development Plan, EDSA will prepare for and attend the following meetings:

6.1.2.1. One (1) coordination meeting in Key West

6.1.2.2. Three (3) public meeting

6.1.3. Team Coordination Meetings for Detailed Design

6.1.3. Based on the complexity of the work, we anticipate having semi-regular team meetings with the City of Key West. The EDSA team will be responsible for internal team meetings/conference call within the team, however, based on the scope of services, we anticipate the following:

6.1.3.1. City of Key West/EDSA Team meetings:

6.1.3.1.1. One (1) meeting prior to focus group meeting via Skype or Web-ex

6.1.3.1.2. One (1) meeting prior to the public meeting for the Major Development Plan via Skype or Web-ex

6.1.3.1.3. Up to three (3) additional meetings interspersed throughout the project. These meetings will utilize Skype or Web-ex when possible.

6.1.3.2. Please note, subconsultants will only be present at the meetings, if their attendance is deemed necessary.

SCHEDULE

For the purposes of the development of the preliminary schedule, we have prepared the following:

Research and Data Collection

Anticipated Schedule six (6) weeks

Public Consensus Building / Meetings

Anticipated Schedule four (4) weeks

Conceptual Design

Anticipated Schedule six (6) weeks, two (2) Conceptual Design Submissions

Major Development Plan

Anticipated Schedule six (6) weeks, and one (1) Major Development Plan Submission

Detailed Design Documents

Anticipated Schedule eight (8) weeks, three (3) Submission

Permitting Assistance

Anticipated to take 180 to 270 days (6 to 9 months)

The EDSA team assumes that the City of Key West will endeavor to provide review comments on a timely basis. For the purposes of the schedule, we have anticipated the City of Key West staff will take up to two (2) weeks per review.

Based on the above, we would anticipate the design schedule is approximately nine (9) to twelve (12) months. This should allow adequate time for the City of Key West's procurement process and permitting. During the development of the plans, the EDSA team will discuss with the City the potential construction contracting methodologies, such as Guaranteed Maximum Price or a modified Design/Bid/Build process.

SCOPE ASSUMPTIONS

In an effort to provide a comprehensive scope, the above outlines, based on our understanding of the project, the specific scope of services necessary for the project; however, please note the following exclusions and or assumptions based related to the project:

- The above proposal does not include geo-tech design for FDOT pavement.
- The EDSA team will need a paper copy of the recorded deed for permitting.
- The EDSA team will rely upon the City of Key West to pay all permitting fees.
- The EDSA team will rely upon the City of Key West to provide the identification of the existing trees on site.
- Un-for-seen environmental, physical, or ownership issues have not been contemplated as part of this scope.
- Value Engineering due to changes in budget after initiation of work. The EDSA team will endeavor to prepare construction documents that are per the budget established after the Conceptual Design/Master Development Plan approval.
- If the EDSA team's services under this Task Order do not include services during the construction phase of the project, then Client assumes all responsibility for the application and interpretation of the EDSA team's drawings, specifications and other instruments of service; the observation and evaluation of Contractor's work and the performance of any other necessary construction phase or professional services; and Client waives any claims against the EDSA team that may be connected in any way thereto.
- Since the EDSA team does not have control over the cost of labor, materials, equipment or services furnished by others, or over methods of determining prices, or over competitive bidding, or market conditions, any and all opinions as to costs rendered hereunder, including, but not limited to, opinions as to the costs of construction and materials, shall be made on the basis of its experience and qualifications and represent its best judgment as an experienced and qualified professional consultant, familiar with the construction industry. The EDSA team cannot and does not guarantee that proposals, bids or actual costs will not vary from opinions of probable cost. If, at any time, the City of Key West wishes greater assurance as to the amount of any cost, the City of Key West shall employ an independent cost estimator to make such determination. Engineering services required to bring costs within any limitation established by City of Key West will be paid for as additional services hereunder by the City of Key West.
- If the services under this Task Order continue for a period of more than one (1) year from the notice to proceed, the EDSA Team shall be entitled to renegotiate the terms of this Task Order. The EDSA team shall not be bound under this Agreement if modifications to the terms contained herein are made without the written consent of the EDSA team (such consent to be signified by the EDSA

team's initials next to each modification, and if a fully executed copy hereof is not received from the City of Key West by the EDSA team on or before sixty (60) calendar days from the date of execution by EDSA.

- Since the EDSA team does not have control over the design and or schedule of the Higgs Beach Park Site Plan, the EDSA team will rely on the City of Key West to provide the design drawings for coordination of the roadway design. Additionally, the EDSA team will not be responsible for delays due to the design schedule and or responsible for plan revisions as a result of the work being revised by others.
- Professional standards and good science will be used to delineate wetlands on the parcel, however the delineation of wetlands can be subjective, especially on properties that have a history of disturbance (atypical conditions) such as the parcel being evaluated. It should be noted that environmental regulatory agencies may disagree with consultant-based wetland delineations and that final determination of wetland extent is subject to regulatory approval.
- Any significant modifications to site plans or project scope that require substantial modification to initial ERP application submittals may require additional compensation.

OPTIONAL SERVICES

Optional services shall be considered those services related to making revisions or additions to drawings, specifications, or other documents outlined when such revisions are inconsistent with instructions previously given, or those services which are in addition to the Basic Services outlined in this Agreement. Such drawing and services may include:

- Cost Estimates for schematic or design development submissions.
- Geo-Tech testing and analysis
- Additional Meeting, other than described above
- An extended permitting process, including site plan approval through Major Development Site Plan, DRC, Planning Board, and City Commission or additional committee or advisory-type meetings not described above
- Design and coordination of streetscape and pedestrian improvements associated with the Higgs Beach park redevelopment
- Construction Related Services
- Bidding Assistance/Contractor selection process
- Architectural design or modifications to the existing structures
- Development of additional illustrations, sections, perspectives, sketches, or plan enlargements or alternatives
- Modifications to drawings due to design changes from the Higgs Beach Park Site Plan
- Additional permitting based on timing difference due as a result of the Higgs Beach Park Site Plan
- Global positioning System (GPS) as-builts services for irrigation
- Irrigation system management and/or training to maximize water conservation
- Structural engineering – as the extent of the structural engineering requirements are unknown at this time, if necessary, the EDSA team will invoice the City of Key West, as a direct cost, structural engineering fees, if necessary.
- Environmental studies/surveys, or shoreline protection evaluations and/or design

Optional services shall be provided if authorized by the client on either an hourly basis or lump sum fee. Time spent during the construction phase to correct, clarify, or redesign due to error or omissions of the EDSA Team shall be performed at no additional fee.

COMPENSATION

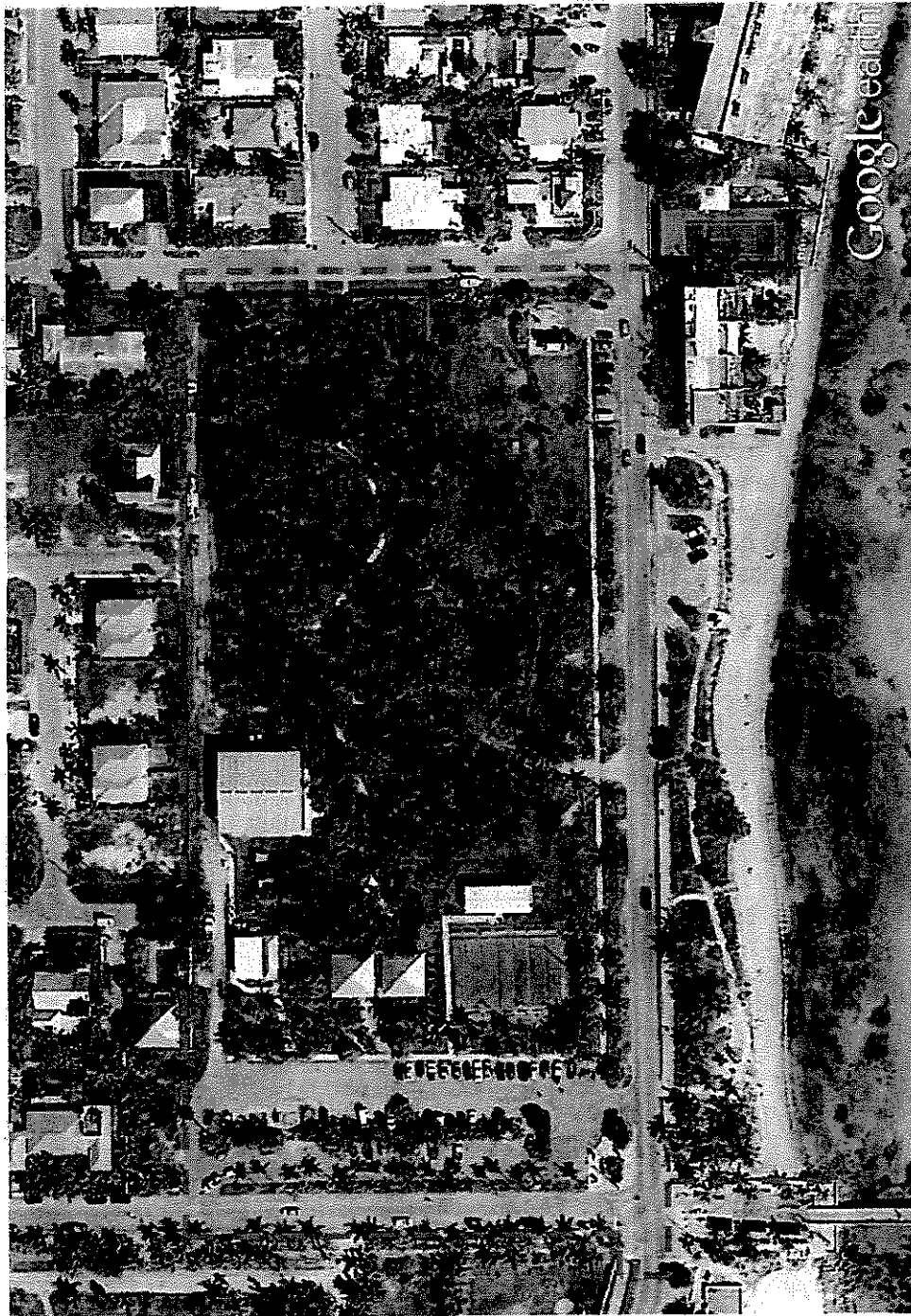
The EDSA Team will provide the above described services on a lump sum as follows:

Task 1: Research and Data Collection	\$ 31,200
Task 2: Conceptual Design	\$ 18,511
Task 3: Major Development Plan	\$ 19,000
Task 4: Detailed Design Documents	\$ 51,902
Task 5: Permitting Assistance	\$ 20,167
Task 6: Public Consensus Building / Meetings	\$ 23,180
TOTAL FEES	\$ 163,960

Reimbursable, as above are not included in the lump sum fees, and will be invoiced at cost, with no mark-up. Reimbursable, such as multiple copies of drawings will not be produced unless authorized by the City of Key West.

For the purposes of reimbursable expenses, we would anticipate creating a separate purchase order for these expenses. Or if need be, they can be included in this work order as a separate line item which we would bill against. At this point, based on the number of trips, we would anticipate a preliminary budget of \$10,000. We would bill against this at a cost basis, with no markup.

EXHIBIT B-1
PROJECT LIMITS





indigenous Park, Kay West, Fl.
Team Fee Proposals

[illegible]

RATE SCHEDULE
E D S A
City of Key West

TITLE		HOURLY RATE (\$/HR)
Chairman/Principal	250 - 300	\$ 300.00
Associate Principal	180-200	\$ 240.00
Vice President		\$ 180.00
Senior Associate		\$ 150.00
Associate		\$ 120.00
Design Staff 1		\$ 90.00
Design Staff 2		\$ 110.00
Draftsperson 1		\$ 50.00
Draftsperson 2		\$ 55.00
Clerical		\$ 60.00

Indigenous Park - City of Key West
EDSA - PLANNING SERVICES

Research / Data Collection

EDSA

TITLE	HOURLY RATE	HOURS	COST
Chairman/Principal	\$ 300.00	2	\$ 600.00
Associate Principal	\$ 240.00		\$ -
Vice President	\$ 180.00		\$ -
Senior Associate	\$ 150.00	6	\$ 900.00
Associate	\$ 120.00		\$ -
Design Staff 1	\$ 90.00		\$ -
Design Staff 2	\$ 110.00	5	\$ 550.00
Draftsperson 1	\$ 50.00		\$ -
Draftsperson 2	\$ 55.00		\$ -
Clerical	\$ 60.00		\$ -

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Total \$ 2,050.00
Total FEE \$ 2,000.00

Indigenous Park - City of Key West
EDSA - PLANNING SERVICES

Conceptual Design

EDSA

TITLE	HOURLY RATE	HOURS	COST
Chairman/Principal	\$ 300.00	8	\$ 2,400.00
Associate Principal	\$ 240.00		\$ -
Vice President	\$ 180.00		\$ -
Senior Associate	\$ 150.00	30	\$ 4,500.00
Associate	\$ 120.00		\$ -
Design Staff 1	\$ 90.00	20	\$ 1,800.00
Design Staff 2	\$ 110.00	30	\$ 3,300.00
Draftsperson 1	\$ 50.00	40	\$ 2,000.00
Draftsperson 2	\$ 55.00		\$ -
Clerical	\$ 60.00		\$ -

128

Total \$ 14,000.00
Total FEE \$ 14,000.00

Indigenous Park - City of Key West
EDSA - PLANNING SERVICES

Major Development Plan

EDSA

TITLE	HOURLY RATE	HOURS	COST
Chairman/Principal	\$ 300.00	16	\$ 4,800.00
Associate Principal	\$ 240.00		\$ -
Vice President	\$ 180.00		\$ -
Senior Associate	\$ 150.00	40	\$ 6,000.00
Associate	\$ 120.00		\$ -
Design Staff 1	\$ 90.00	16	\$ 1,440.00
Design Staff 2	\$ 110.00	30	\$ 3,300.00
Draftsperson 1	\$ 50.00	40	\$ 2,000.00
Draftsperson 2	\$ 55.00		\$ -
Clerical	\$ 60.00		\$ -

142

Total \$ 17,540.00
Total FEE \$ 17,500.00

Indigenous Park - City of Key West
EDSA - PLANNING SERVICES

Detailed Design

EDSA

TITLE	HOURLY RATE	HOURS	COST
Chairman/Principal	\$ 300.00	24	\$ 7,200.00
Associate Principal	\$ 240.00		\$ -
Vice President	\$ 180.00		\$ -
Senior Associate	\$ 150.00	80	\$ 12,000.00
Associate	\$ 120.00		\$ -
Design Staff 1	\$ 90.00	28	\$ 2,520.00
Design Staff 2	\$ 110.00	30	\$ 3,300.00
Draftsperson 1	\$ 50.00	40	\$ 2,000.00
Draftsperson 2	\$ 55.00	40	\$ 2,200.00
Clerical	\$ 60.00		\$ -

242

Total \$ 29,220.00
Total FEE \$ 29,180.00

**Indigenous Park - City of Key West
EDSA - PLANNING SERVICES**

Permitting

EDSA

TITLE	HOURLY RATE	HOURS	COST
Chairman/Principal	\$ 300.00	16	\$ 4,800.00
Associate Principal	\$ 240.00		\$ -
Vice President	\$ 180.00		\$ -
Senior Associate	\$ 150.00	40	\$ 6,000.00
Associate	\$ 120.00		\$ -
Design Staff 1	\$ 90.00		\$ -
Design Staff 2	\$ 110.00	21	\$ 2,310.00
Draftsperson 1	\$ 50.00		\$ -
Draftsperson 2	\$ 55.00		\$ -
Clerical	\$ 60.00		\$ -

77

Total \$ 13,110.00
Total FEE \$ 13,080.00

Indigenous Park - City of Key West
EDSA - PLANNING SERVICES

Meetings

EDSA

TITLE	HOURLY RATE	HOURS	COST
Chairman/Principal	\$ 300.00	40	\$ 12,000.00
Associate Principal	\$ 240.00		\$ -
Vice President	\$ 180.00		\$ -
Senior Associate	\$ 150.00	58	\$ 8,700.00
Associate	\$ 120.00		\$ -
Design Staff 1	\$ 90.00		\$ -
Design Staff 2	\$ 110.00		\$ -
Draftsperson 1	\$ 50.00		\$ -
Draftsperson 2	\$ 55.00		\$ -
Clerical	\$ 60.00		\$ -

98

Total	\$	20,700.00
Total FEE	\$	20,680.00

Indigenous Park - City of Key West
EDSA - PLANNING SERVICES

Summary

EDSA

TITLE	HOURLY RATE	HOURS	COST
Chairman/Principal	\$ 300.00	106	\$ 31,800.00
Associate Principal	\$ 240.00	0	\$ -
Vice President	\$ 180.00	0	\$ -
Senior Associate	\$ 150.00	254	\$ 38,100.00
Associate	\$ 120.00	0	\$ -
Design Staff 1	\$ 90.00	64	\$ 5,760.00
Design Staff 2	\$ 110.00	116	\$ 12,760.00
Draftsperson 1	\$ 50.00	120	\$ 6,000.00
Draftsperson 2	\$ 55.00	40	\$ 2,200.00
Clerical	\$ 60.00	0	\$ -
		700	

Total \$ 96,620.00
Total FEE \$ 96,440.00

RATE SCHEDULE
Florida Keys Land Surveying
City of Key West

<u>TITLE</u>	<u>=</u>	<u>HOURLY RATE (\$/HR)</u>
Field Crew	\$	150.00 \$950.00 per day (8hrs)
Autocad Drafting Rate	\$	80.00
Professional Surveyor and Mapper Rate	\$	100.00
Title Search	\$	2,200.00

Indigenous Park - City of Key West
Florida Keys Land Surveying

Research / Data Collection

Florida Keys Land Surveying

TITLE	HOURLY RATE	HOURS	Rate Deduction	COST
Field Crew	\$ 150.00	152	4,700	\$ 18,100.00
Autocad Drafting Rate	\$ 80.00	40		\$ 3,200.00
Professional Surveyor	\$ 100.00	8		\$ 800.00
Title Search	\$ 2,200.00	1		\$ 2,200.00
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -

201

Total \$ 24,300.00
Total FEE \$ 24,300.00

Indigenous Park - City of Key West
Florida Keys Land Surveying

Summary

Florida Keys Land Surveying

TITLE	HOURLY RATE	HOURS	RATE DEDUCTION	COST
Field Crew	\$ 150.00	152	4,700	\$ 18,100.00
Autocad Drafting Rate	\$ 80.00	40		\$ 3,200.00
Professional Surveyor	\$ 100.00	8		\$ 800.00
Title Search	\$ 2,200.00	1		\$ 2,200.00
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -
	\$ -			\$ -

201

Total \$24,300.00
Total FEE \$24,300.00

RATE SCHEDULE
Masuen Consulting, LLC
City of Key West

TITLE	=	HOURLY RATE (\$/HR)
Designer	\$	95.00
Landscape Architect	\$	105.00

Indigenous Park - City of Key West
Masuen Consulting, Inc.

Conceptual Design

Masuen Consulting, Inc.

TITLE	HOURLY RATE	HOURS	COST
Designer	\$ 95.00	12	\$ 1,140.00
Landscape Architect	\$ 105.00	6	\$ 630.00
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

18

Total \$1,770.00
Total FEE \$1,770.00

Indigenous Park - City of Key West
Masuen Consulting, Inc.

Task (50%) CD

Masuen Consulting, Inc.

TITLE	HOURLY RATE	HOURS	COST
Designer	\$ 95.00	20	\$ 1,900.00
Landscape Architect	\$ 105.00	4.2	\$ 441.00
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
		24.2	

Total \$2,341.00
Total FEE \$4,111.00

Indigenous Park - City of Key West
 Masuen Consulting, Inc.

Task (90%) CD

Masuen Consulting, Inc.

TITLE	HOURLY RATE	HOURS	COST
Designer	\$ 95.00	10	\$ 950.00
Landscape Architect	\$ 105.00	2.2	\$ 231.00
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
		12.2	
Total			\$1,181.00
Total FEE			\$5,292.00

Indigenous Park - City of Key West
Masuen Consulting, Inc.

Task (100%) CD

Masuen Consulting, Inc.

TITLE	HOURLY RATE	HOURS	COST
Designer	\$ 95.00	5	\$ 475.00
Landscape Architect	\$ 105.00	1	\$ 105.00
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

6

Total \$580.00
Total FEE \$5,872.00

Indigenous Park - City of Key West
Masuen Consulting, Inc.

Permitting

Masuen Consulting, Inc.

TITLE	HOURLY RATE	HOURS	COST
Designer	\$ 95.00	0	\$ -
Landscape Architect	\$ 105.00	0	\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
		0	
Total			\$ -
Total FEE			\$ -

Indigenous Park - City of Key West
Masuen Consulting, Inc.

Summary

Masuen Consulting, Inc.

TITLE	HOURLY RATE	HOURS	COST
Designer	\$ 95.00	47	\$ 4,465.00
Landscape Architect	\$ 105.00	13.4	\$ 1,407.00
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
		60.4	

Total \$5,872.00
Total FEE \$5,870.00

RATE SCHEDULE
Perez Engineering & Development, Inc.
City of Key West

TITLE	=	HOURLY RATE (\$/HR)
Principal	\$	150.00
Senior Engineer	\$	110.00
Design Engineer	\$	80.00
Senior CADD Designer	\$	70.00
Clerical	\$	35.00
Const. Manager	\$	75.00
Survey	\$	1.00

Indigenous Park - City of Key West
Perez Engineering & Development, Inc.

Site Evaluation / Data Collection

Perez Engineering

TITLE	HOURLY RATE	HOURS	COST
Principal	\$ 150.00	6	\$ 900.00
Senior Engineer	\$ 110.00		\$ -
Design Engineer	\$ 80.00		\$ -
Senior CADD Designer	\$ 70.00		\$ -
Clerical	\$ 35.00		\$ -
Const. Manager	\$ 75.00		\$ -
Survey	\$ 1.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

6

Total \$900.00
Total FEE \$900.00

Indigenous Park - City of Key West
Perez Engineering & Development, Inc.

Conceptual Design

Perez Engineering

TITLE	HOURLY RATE	HOURS	COST
Principal	\$ 150.00	4	\$ 600.00
Senior Engineer	\$ 110.00	6.5	\$ 715.00
Design Engineer	\$ 80.00	3	\$ 240.00
Senior CADD Designer	\$ 70.00	16	\$ 1,120.00
Clerical	\$ 35.00		\$ -
Const. Manager	\$ 75.00	1	\$ 75.00
Survey	\$ 1.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
		30.5	

Total \$2,750
Total FEE \$3,650

Indigenous Park - City of Key West
Perez Engineering & Development, Inc.

Major Development Plan

Perez Engineering

TITLE	HOURLY RATE	HOURS	COST
Principal	\$ 150.00	2	\$ 300.00
Senior Engineer	\$ 110.00	4	\$ 440.00
Design Engineer	\$ 80.00	6	\$ 480.00
Senior CADD Designer	\$ 70.00	4	\$ 280.00
Clerical	\$ 35.00		\$ -
Const. Manager	\$ 75.00		\$ -
Survey	\$ 1.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

16

Total \$1,500.00
Total FEE \$5,150.00

Indigenous Park - City of Key West
Perez Engineering & Development, Inc.

Preliminary Design (50%)

Perez Engineering

TITLE	HOURLY RATE	HOURS	COST
Principal	\$ 150.00	4	\$ 600.00
Senior Engineer	\$ 110.00	14	\$ 1,540.00
Design Engineer	\$ 80.00	12	\$ 960.00
Senior CADD Designer	\$ 70.00	30	\$ 2,100.00
Clerical	\$ 35.00		\$ -
Const. Manager	\$ 75.00		\$ -
Survey	\$ 1.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

60

Total \$5,200.00
Total FEE \$10,350.00

Indigenous Park - City of Key West
Perez Engineering & Development, Inc.

Preliminary Design (90%)

Perez Engineering

TITLE	HOURLY RATE	HOURS	COST
Principal	\$ 150.00	8	\$ 1,200.00
Senior Engineer	\$ 110.00	32	\$ 3,520.00
Design Engineer	\$ 80.00	18	\$ 1,440.00
Senior CADD Designer	\$ 70.00	62	\$ 4,340.00
Clerical	\$ 35.00		\$ -
Const. Manager	\$ 75.00		\$ -
Survey	\$ 1.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

120

Total \$10,500.00
Total FEE \$20,850.00

Indigenous Park - City of Key West
Perez Engineering & Development, Inc.

Final Design

Perez Engineering

TITLE	HOURLY RATE	HOURS	COST
Principal	\$ 150.00	6	\$ 900.00
Senior Engineer	\$ 110.00	4	\$ 440.00
Design Engineer	\$ 80.00	6	\$ 480.00
Senior CADD Designer	\$ 70.00	24	\$ 1,680.00
Clerical	\$ 35.00		\$ -
Const. Manager	\$ 75.00		\$ -
Survey	\$ 1.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

40

Total \$3,500.00
Total FEE \$24,350.00

Indigenous Park - City of Key West
Perez Engineering & Development, Inc.

Regulatory Approvals

Perez Engineering

TITLE	HOURLY RATE	HOURS	COST
Principal	\$ 150.00	4	\$ 600.00
Senior Engineer	\$ 110.00	6	\$ 660.00
Design Engineer	\$ 80.00	4	\$ 320.00
Senior CADD Designer	\$ 70.00	4	\$ 280.00
Clerical	\$ 35.00	4	\$ 140.00
Const. Manager	\$ 75.00		\$ -
Survey	\$ 1.00		\$ -
			\$ -
			\$ -
			\$ -
			\$ -

22

Total \$2,000.00
Total FEE \$26,350.00

Indigenous Park - City of Key West
Perez Engineering & Development, Inc.

Public Consensus Building

Perez Engineering

TITLE	HOURLY RATE	HOURS	COST
Principal	\$ 150.00	5	\$ 750.00
Senior Engineer	\$ 110.00	1	\$ 110.00
Design Engineer	\$ 80.00		\$ -
Senior CADD Designer	\$ 70.00		\$ -
Clerical	\$ 35.00	4	\$ 140.00
Const. Manager	\$ 75.00		\$ -
Survey	\$ 1.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

10

Total \$1,000.00
Total FEE \$27,350.00

Indigenous Park - City of Key West
Perez Engineering & Development, Inc.

Summary

Perez Engineering

TITLE	HOURLY RATE	HOURS	COST
Principal	\$ 150.00	39	\$ 5,850.00
Senior Engineer	\$ 110.00	67.5	\$ 7,425.00
Design Engineer	\$ 80.00	49	\$ 3,920.00
Senior CADD Designer	\$ 70.00	140	\$ 9,800.00
Clerical	\$ 35.00	8	\$ 280.00
Const. Manager	\$ 75.00	1	\$ 75.00
Survey	\$ 1.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

304.5

Total \$27,350.00
Total FEE \$27,350.00

RATE SCHEDULE
Terramar Environmental Services, Inc.
City of Key West

<u>TITLE</u>	<u>=</u>	<u>HOURLY RATE (\$/HR)</u>
Wetland delineation / habitat mapping / wildlife surveys	\$	120.00
ERP application including UMAM	\$	120.00
Plans review and design assistance	\$	120.00
Attendance at meetings	\$	120.00

Indigenous Park - City of Key West
Terramar Environmental Services, Inc.

Site Visit / Scoping of Project

Terramar Environmental Services, Inc.

TITLE	HOURLY RATE	HOURS	COST
Wetland delineation	\$ 120.00	33.3	\$ 4,000.00
ERP app including UMAM	\$ 120.00		\$ -
Plans review & design asst.	\$ 120.00		\$ -
Attendance at meetings	\$ 120.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
		33.3	

Total \$4,000.00
Total FEE \$4,000.00

Total	\$3,000.00
Total FEE	\$7,000.00

Indigenous Park - City of Key West
Terramar Environmental Services, Inc.

Plans review and design assistance

Terramar Environmental Services, Inc.

TITLE	HOURLY RATE	HOURS	COST
Wetland delineation	\$ 120.00		\$ -
ERP app including UMAM	\$ 120.00		\$ -
Plans review and design asst.	\$ 120.00	12.5	\$ 1,500.00
Attendance at meetings	\$ 120.00		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
		12.5	
Total			\$1,500.00
Total FEE			\$8,500.00

Indigenous Park - City of Key West
Terramar Environmental Services, Inc.

Meetings

Terramar Environmental Services, Inc.

TITLE	HOURLY RATE	HOURS	COST
Wetland delineation	\$ 120.00		\$ -
ERP app including UMAM	\$ 120.00		\$ -
Plans review and design asst.	\$ 120.00		\$ -
Attendance at meetings	\$ 120.00	12.5	\$ 1,500.00
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -

12.5

Total \$1,500.00
Total FEE \$10,000.00

Indigenous Park - City of Key West
Terramar Environmental Services, Inc.

Summary

Terramar Environmental Services, Inc.

TITLE	HOURLY RATE	HOURS	COST
Wetland delineation	\$ 120.00	33.3	\$ 4,000.00
ARP app including UMAM	\$ 120.00	25	\$ 3,000.00
Plans review and design asst.	\$ 120.00	12.5	\$ 1,500.00
Attendance at meetings	\$ 120.00	12.5	\$ 1,500.00
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
	\$ -		\$ -
		83.3	

Total \$10,000
Total FEE \$10,000

Toyota/Audubon Grant

Cistern/Salt Water Well Project

In June of 2012, the City partnered with Florida Keys Audubon on a three part grant for \$28,250.

While this memo focuses on the Water Conservation piece, the three parts are:

- Habitat Planning: Updating our Comprehensive Plan and LDR's to better guide landscape and restoration plantings in relation to the rising sea level (\$250)
- Habitat Planting: 400 5-10 gallon plants for public lands (\$8,500) and volunteer workdays (\$500).
- Water Conservation: Cistern and salt water well for Indigenous Park (\$15,000) plus mural and Green Tourism study (\$4,000).

Water Conservation Goals

- * Decreased potable water use by 10%
- * Increased visibility of successful climate change mitigation and adaptation actions.
- * Increased conservation actions by visiting tourists.

Water Conservation Summary

The water meter at Indigenous Park is the City's #2 highest water bill, stretching into the 5th and highest tier of water use. As part of a overall methodology to crackdown on these high bills, this grant provides a way to replace potable water use with rainwater and salt water.

The Key West Wildlife Center is just one of many users of the meter, but one of the few where using less water is less possible. The Center has five rehabilitation pools for its recovering shorebirds to use, and these must be emptied, cleaned and refilled daily for hygienic reasons. This amounts to approximately 800 gallons of potable water use per day.

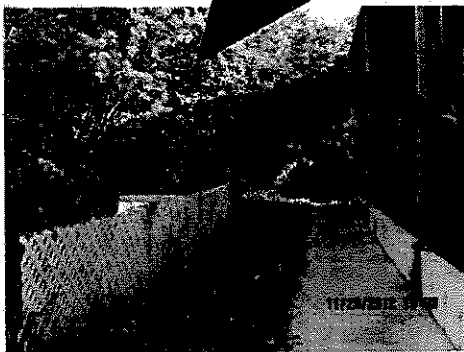
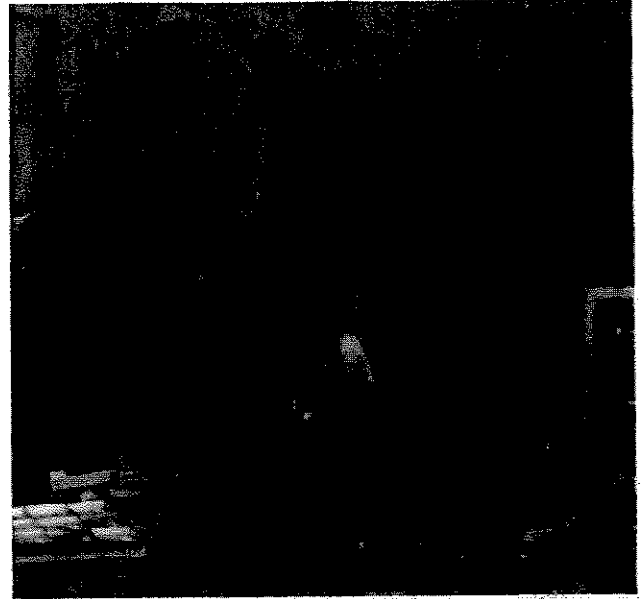
Discussions with Wildlife Center staff led to the solution of a salt water well and cistern combo. Because the shorebirds are salt water creatures at heart, filling their rehab pools with salt/saline/brackish water is actually considered more natural. This would free up the cistern to just handle on site cleaning as well as other City uses.

Cistern Project

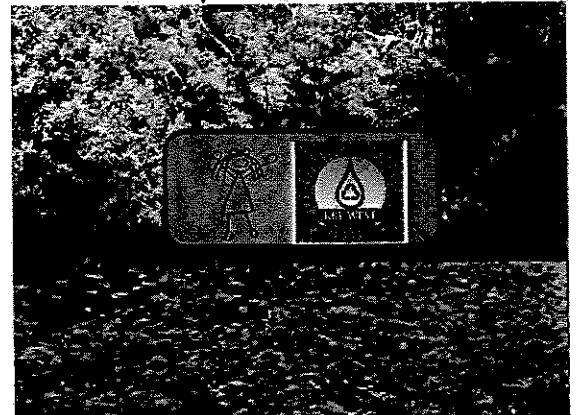
Discussions on cistern design and placement led to the discovery of an existing tank scheduled for demolition at the SWTE Building on Stock Island. The steel tank holds 7,000 gallons and was used to hold treated boiler water for the steam engines.

Birch has included the cleaning and hauling of it to the Indigenous Park site as a line item on the SWTE building demolition bid.

A site was found at Indigenous Park that would be out of the way of bird rescue operations, but still be part of the "trail system" for educational value. Because of its size, it is proposed to be nestled as far back into the treeline as it can go. This will allow visitors to be able to read the educational mural to be painted on it without craning their necks like they are in the front row of a movie theater. The entire corner site would be cleaned of debris piles and weeds and replanted with natives. Low growing butterfly plants would occupy the space between the walkway and the cistern itself for unobstructed viewing.

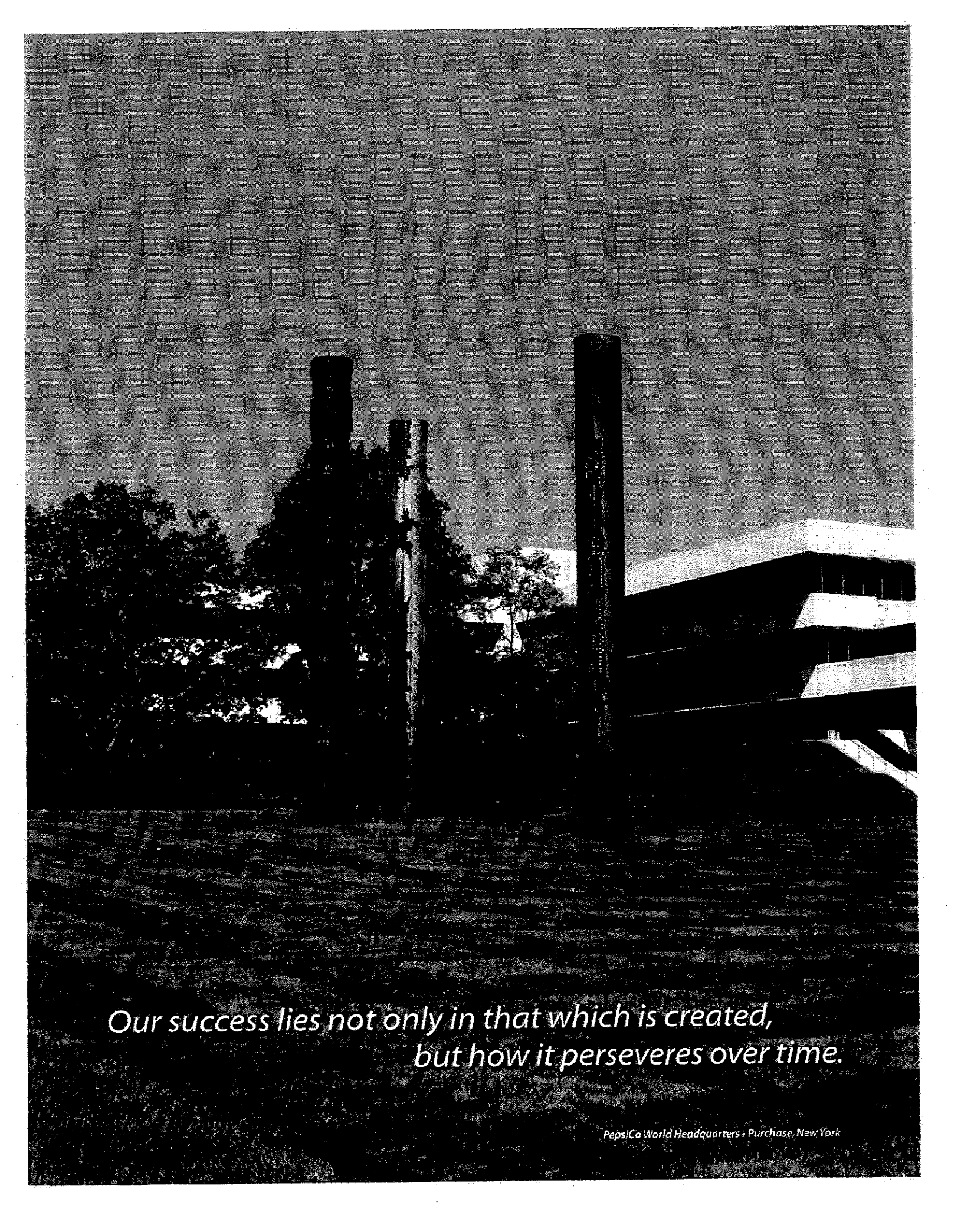


Although a gravity feed system was the original desire, pressurization was determined to be needed for timely filling of bird ponds and street cleaner vehicles. The system would be plumbed to give multiple watering bibs to the aviary and one large fill up pipe in the parking lot.



Next Steps:

- ✓ Affirm that tank contents are non-toxic.
- ✓ Get general approval from City Managers office
- ✓ Add tank cleaning and moving to SWTE demolition bid as option.
- ✓ Affirm ability to mount tank in that location.
- Affirm tank is still in good condition to use.
- Estimate cost of cement slab, pump, plumbing, and tank rehab, if any.
- Draw up plans and submit to building department.



*Our success lies not only in that which is created,
but how it perseveres over time.*

PepsiCo World Headquarters - Purchase, New York

Celebrate

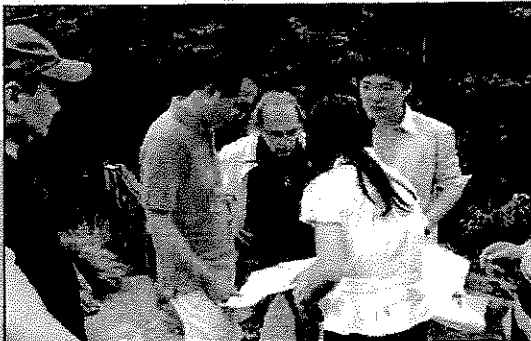
*From modest but ambitious beginnings with a small group of loyal designers, EDSA's legacy has grown in stature to one of the world's most renowned landscape architecture firms. **Our commitment after 50 years remains the same - ensuring people thrive in surroundings of beauty and function.***

50 years in the making

Our team pushes design to a higher level, constantly evolving and learning from the past and therefore improving on the future. **We are inspired by opportunities to help create venues that serve as markers of history and catalysts for thoughtful design.** We embrace our success with modesty, and hope our philosophies and contributions are viewed as a foundation from which to build upon. We are honored to have served the profession, our clients and people around the globe by creating spaces that are enjoyed and celebrated by the world's communities.

50 years of discovering the world's landscapes

As each decade introduced new regions of the world to our practice, we fortified our international presence. Our quest for diversity led us to resort work in the Caribbean, South America, Europe and eventually the Middle East. With a commitment to global expansion, a lucrative joint venture in Beijing, China, and strategic office openings, our reach soon spanned five continents. Today, **EDSA has worked in nearly 100 countries** and continues to provide value through culturally-enriched, artistic design. Our adventurous spirit pushes us forward to explore new and interesting challenges; embarking upon undiscovered regions; and strengthening our position as a global leader.



Joseph J. Lall, EDSA President - On-site in China



50 years of getting projects built

We consider ourselves stewards of the land and have always placed sustainability at the forefront of our planning and design efforts. This fundamental merit found in intelligent and practical design which sculpts every project is never overlooked. ***We strive for ease of implementation as we balance the natural, functional and aesthetic.*** Our success lies not only in that which is created, but how it perseveres over time. Through our history, we have received nearly 250 awards honoring our projects for their innovation, power to improve quality of life, and ability to stand the test of time. Our built portfolio continues to grow as we refuse to be tempted by mediocrity and find motivation in the potential to explore new heights.

50 years of honoring our clients

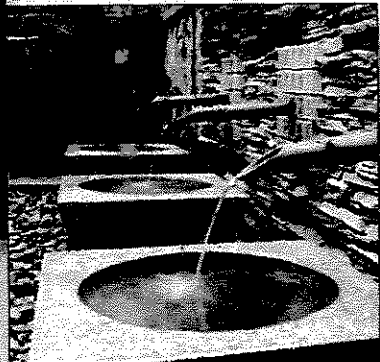
Our solid foundation of repeat business proves that as we grow, we're helping our clients grow. Over the years, we have taken the time to get to know our clients and tailored the details of our deliverables and methods of doing business accordingly. Regardless of relationship longevity, our goal is the same – provide the greatest value by producing a truly visionary concept refined by an implementation strategy that works. Our job doesn't stop at design. ***We help our clients visualize their project coming to fruition.*** Whether that is by tactical introductions to industry partners, providing additional alternatives, or equipping clients with the materials necessary to market their real estate developments, we reach beyond expectations to capitalize on unforeseen opportunities.



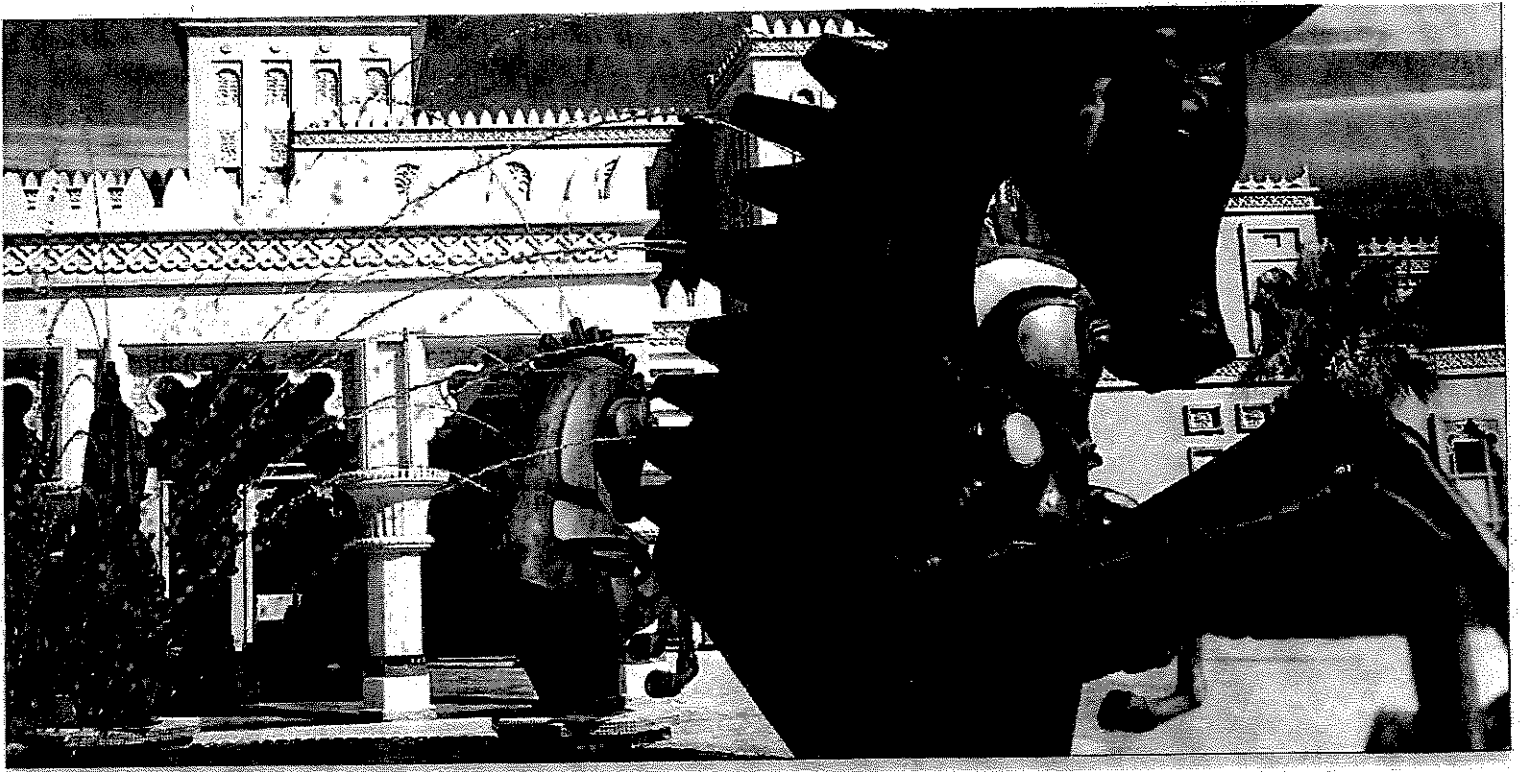
Valletta Waterfront – Valletta, Malta



Douglas C. Smith, Managing Principal – Design Workshop



Crosswaters Ecological Lodge – Guangdong, China



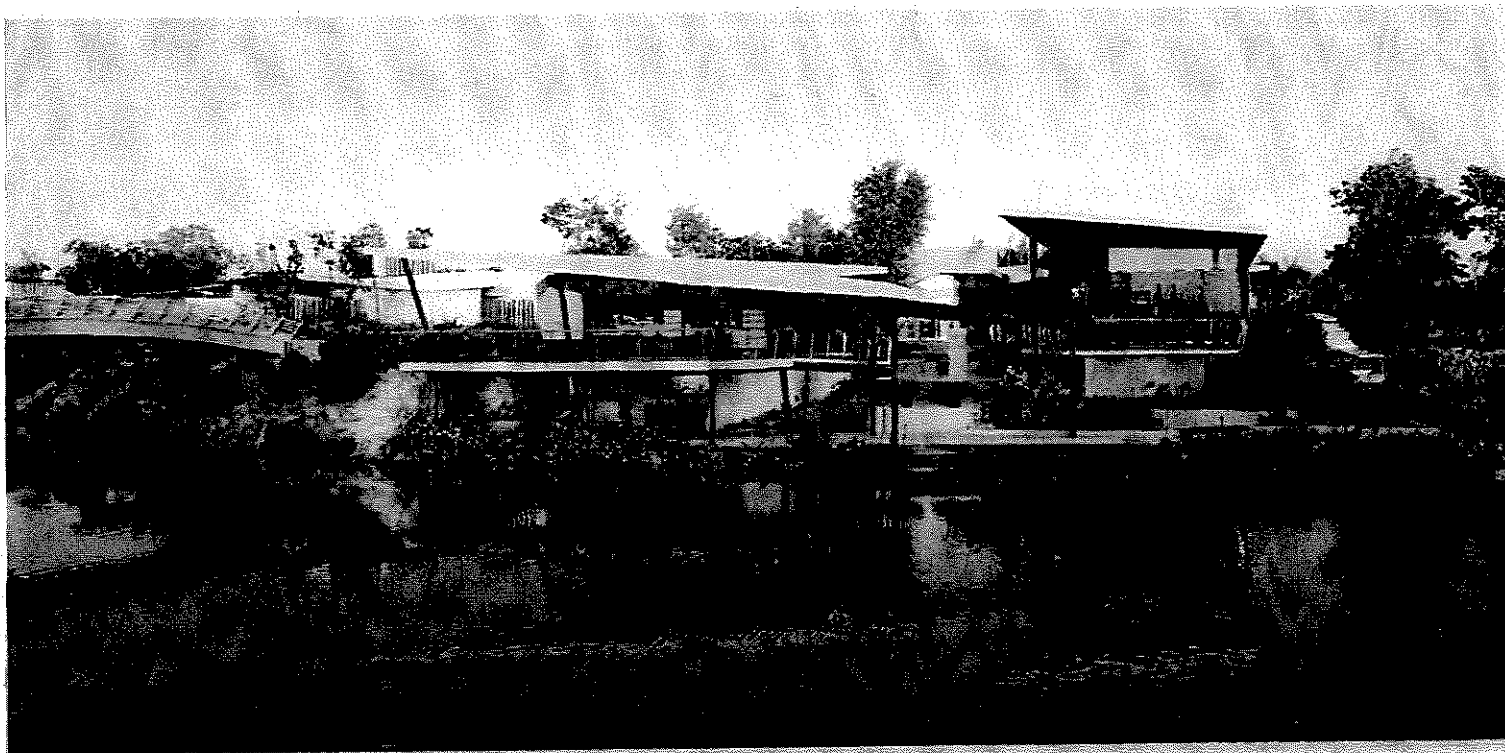
Madinat Jumeirah - Dubai, United Arab Emirates

50 years of embracing new cultures

Our goal is to evoke a contemplative experience, aesthetic appreciation, and spiritual connection to the land. Over the years, we have engrossed ourselves in unique places, getting to know the history, people, food, language, customs, traditions and heritage; to organically incorporate a sense of place into planning and design that adds genuine context. ***Cultural values derived from research and respect for metaphysical surroundings*** are applied within a contemporary and sophisticated fabric to every project. While this richness is reflected in our ability to create places of purpose and relevance, it has also enriched our individual character. The dynamic EDSA team represents a colorfully blended, extended family that collectively emulates the same morals, values and design ethos.

50 years of shaping the industry

From the beginning, we set forth to transform the paradigm of landscape architecture and encourage collaboration among all design disciplines. For EDSA, this translated into worldwide recognition and the responsibility to lead complex consulting teams in the implementation of holistic and meaningful design. ***We still believe in leading by example*** and instilling in others accountability for environmental, economic and social sustainability. Speaking at conferences and dedicating our time and resources to industry organizations allows us to share and receive knowledge from our peers. Through our involvement, we not only pay respect to our colleagues, but also impart awareness to future leaders.



Rosewood Mayakoba – Riviera Maya, Mexico

50 years of making a difference

Our growth is ignited by a professional and philanthropic balance. EDSA rallies in responding to increasing health related epidemics, famine around the world, relief efforts for countries struck by natural disasters, and those impacted by acts of terrorism. Our *passion for giving and spirit of social responsibility* has raised millions and defines the heart of what EDSA represents. We contribute to the progression of our community by actively supporting local and national charities that bring much needed assistance to those less fortunate.

50 more years

As we reflect on a changing world, a changing landscape, and a changing industry, we will approach each new milestone with a fresh perspective while allowing our history and experience to serve as a guide. By no means do our accomplishments give us reason to relax or become complacent. As we launch our 6th decade of practice, we are confident that the people of the world will continue to demand better places. Just like you, we want to live amongst a natural and built environment that exists in celebrated harmony, and rest assured, **EDSA will remain an active player in making that happen.**

www.edsaplan.com



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PLANNING • LANDSCAPE ARCHITECTURE • URBAN DESIGN

EDSA | EXPERIENCES



PLANNING • LANDSCAPE ARCHITECTURE • URBAN DESIGN

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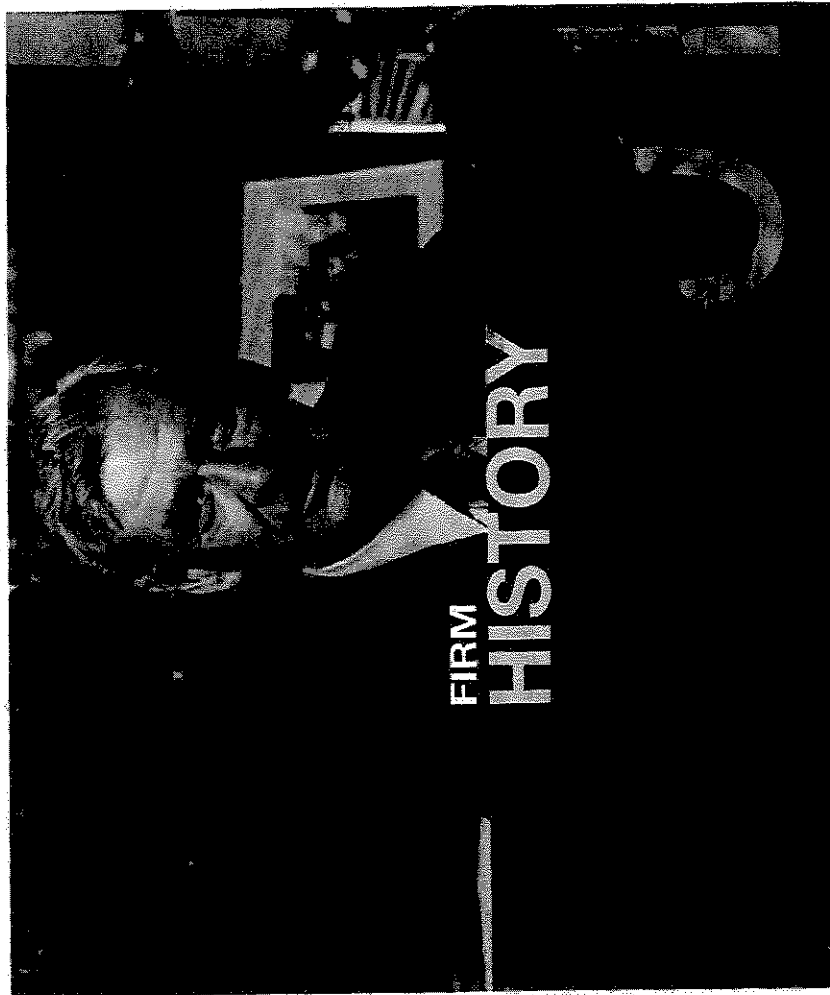
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FIRM HISTORY

The human side of our business has always been our greatest strength. Working hand-in-hand with colleagues that have since become my closest friends and confidants, I have seen the firm grow from a small, local, family-owned business to a national leader in the industry.

— Edward H. Stone Jr., FPA's Founder



A COLLECTIVE OF PEERS

Another community established by the Internet is the "collective." This group often has many, but not a hundred, members. It is a loose, fluid, and informal group of people who share a common interest or goal. The members of the collective are often geographically dispersed, but they are united by a common purpose. The collective is a new form of community, one that is based on shared interests and goals rather than on physical proximity.

A TESTAMENT TO PEOPLE AND PLACE

In 1994, the EDSI community gathered in the town of St. Albans, Vermont, for a meeting. The meeting was held at the EDSI Center for the Performing Arts, a beautiful building that had been recently renovated. The meeting was a testament to the people and place that had made the EDSI community possible. The meeting was a success, and it was a testament to the power of the Internet to bring people together.

With over two decades of experience and a track record of successful projects, the EDSI team has helped many organizations and individuals achieve their goals. The EDSI team is a testament to the power of the Internet to bring people together and to the power of the EDSI community to achieve its goals.

ORIGINS OF AN ICON

The EDSI team's origins are rooted in the early days of the Internet. The team was founded in 1994, and it has since grown into a large and successful organization. The team's success is a testament to the power of the Internet to bring people together and to the power of the EDSI community to achieve its goals.

From its humble beginnings, the EDSI team has grown into a large and successful organization. The team's success is a testament to the power of the Internet to bring people together and to the power of the EDSI community to achieve its goals.

The project is a multi-story building with a modern design. It is located in the center of the city and is surrounded by other buildings. The building has a glass facade and a flat roof. It is a commercial building and is used for office space. The building is owned by a private company and is managed by a professional firm. The building is a landmark in the city and is a source of pride for the community.

Shirley J. Lee, 2004, is a professional architect. She has a degree in architecture from the University of California, Berkeley. She has worked for several years in the architecture industry. She is currently working on a project in the city of San Francisco. She is a member of the American Institute of Architects and is a licensed architect in the state of California.

Figure 1: Aerial view of the building.

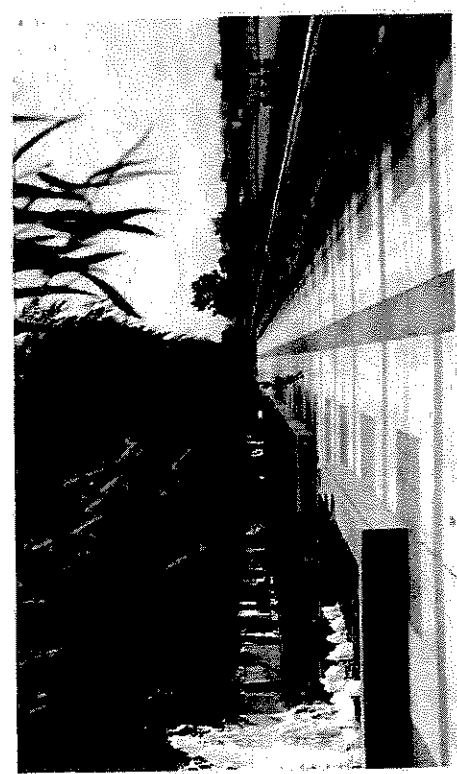


Figure 2: Aerial view of the building.

Robert & Dorothy Clark are professional architects. They have a degree in architecture from the University of California, Berkeley. They have worked for several years in the architecture industry. They are currently working on a project in the city of San Francisco. They are a member of the American Institute of Architects and are licensed architects in the state of California.

As an architectural firm, we are committed to providing high-quality design and construction services to our clients. We have a team of experienced architects and engineers who work together to create innovative and sustainable solutions for our clients. We are proud to be a part of the architectural community and to contribute to the development of our city.



Employees at FIRM's measured and ranked the place they work.
 For the positive impact we have on people here. *

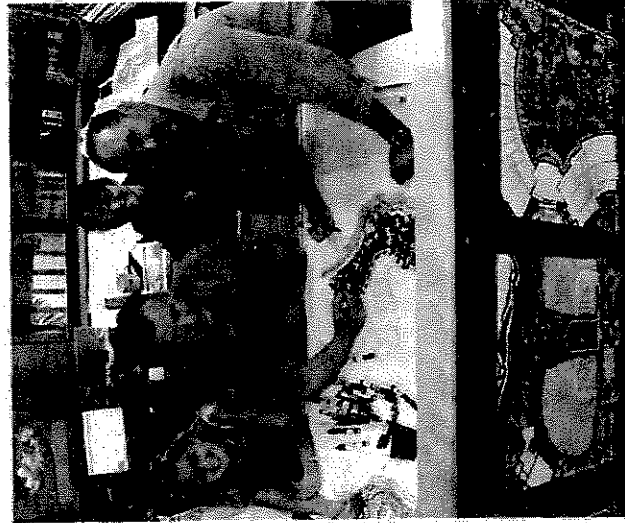
—Joseph J. Pasi, FIRM's Chairman

EXPERTISE

ASPE's program of experts in design, construction, and operations may be the most comprehensive in the industry. Our experts are available to provide a wide range of services, from design and construction to operations and maintenance. Our experts are available to provide a wide range of services, from design and construction to operations and maintenance.

Our experts are available to provide a wide range of services, from design and construction to operations and maintenance. Our experts are available to provide a wide range of services, from design and construction to operations and maintenance.

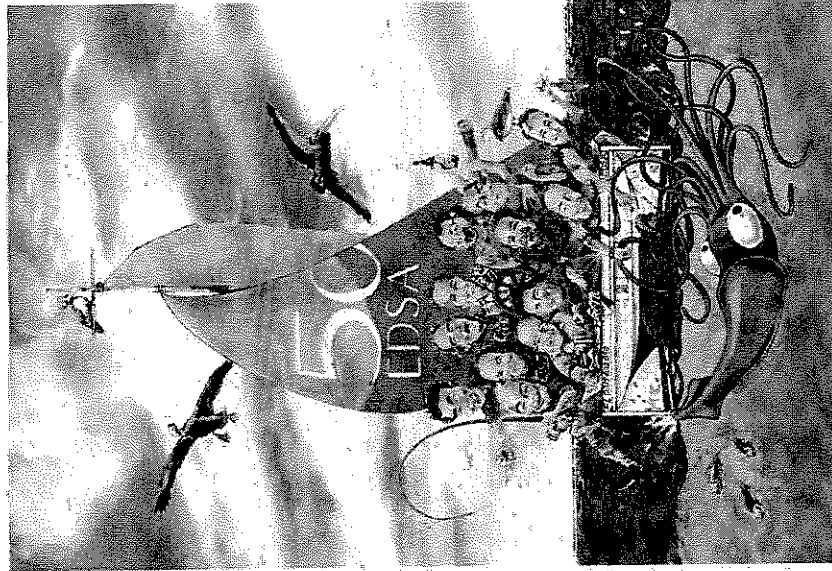
Our experts are available to provide a wide range of services, from design and construction to operations and maintenance. Our experts are available to provide a wide range of services, from design and construction to operations and maintenance.



PASSION FOR EXPERIENCE

Modern buildings, bridges, and other structures are the result of a passion for experience. Our experts are available to provide a wide range of services, from design and construction to operations and maintenance.

Our experts are available to provide a wide range of services, from design and construction to operations and maintenance. Our experts are available to provide a wide range of services, from design and construction to operations and maintenance.



The 100 logo, which is a large, dark, teardrop shape containing many small, diverse human faces.

VALUES

The creative director, members of the team and I have always placed a high value on the quality of the creative process. We want to ensure that the creative process is a fun and collaborative one. We want to ensure that the creative process is a fun and collaborative one. We want to ensure that the creative process is a fun and collaborative one.

Through the 100, we have created a new way of thinking about the creative process. We have created a new way of thinking about the creative process. We have created a new way of thinking about the creative process.


APPROACH

From the beginning, we have been focused on the creative process. We have been focused on the creative process. We have been focused on the creative process. We have been focused on the creative process. We have been focused on the creative process.

We have been focused on the creative process. We have been focused on the creative process. We have been focused on the creative process. We have been focused on the creative process. We have been focused on the creative process.

Our business is built on intelligent insights, it is critical to always
 get it more, then expected, it is our job. Our education and for the bank
 clients and colleagues has a strong effect.

— Douglas G. Smith, ASIA, President



EDSA

PRACTICE 03

Services
 Planning
 Landscape Architecture
 Urban Design

[illegible]

PLANNING

Planning is a complex process of determining the best use of land and resources for the future. It is a process of working with the community to develop a vision for the future and then implementing that vision through a series of steps. The first step is to establish a vision for the future. This vision should be based on the community's needs and desires. The second step is to develop a plan that will achieve this vision. This plan should be based on the community's resources and capabilities. The third step is to implement the plan. This involves working with the community to ensure that the plan is carried out successfully. The fourth step is to evaluate the plan. This involves assessing the progress of the plan and making adjustments as needed.

Scope of services:
 • Site Analysis and Design
 • Planning and Design
 • Construction Management
 • Maintenance and Operation
 • Evaluation and Reporting

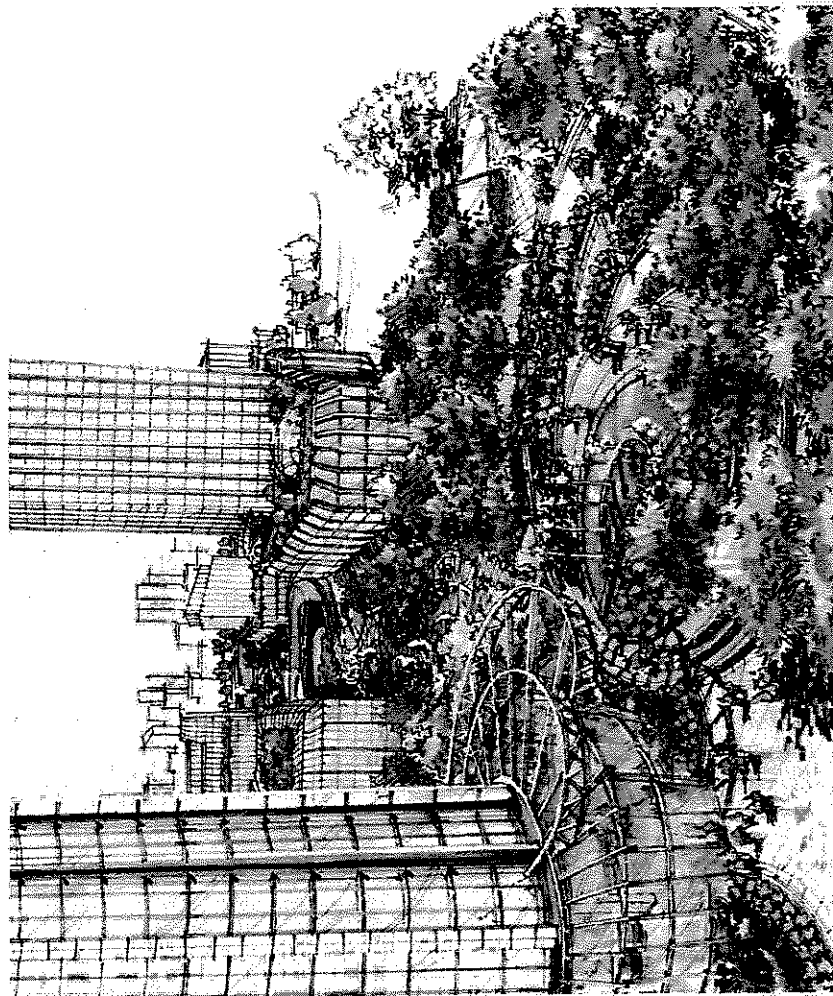
LANDSCAPE ARCHITECTURE

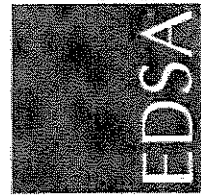
Good design makes a difference in the way we live. The landscape architect's role is to create a design that is both functional and beautiful. This involves working with the community to develop a vision for the future and then implementing that vision through a series of steps. The first step is to establish a vision for the future. This vision should be based on the community's needs and desires. The second step is to develop a plan that will achieve this vision. This plan should be based on the community's resources and capabilities. The third step is to implement the plan. This involves working with the community to ensure that the plan is carried out successfully. The fourth step is to evaluate the plan. This involves assessing the progress of the plan and making adjustments as needed.

Scope of services:
 • Site Design
 • Landscape Design
 • Planning and Design
 • Construction Management
 • Maintenance and Operation
 • Evaluation and Reporting



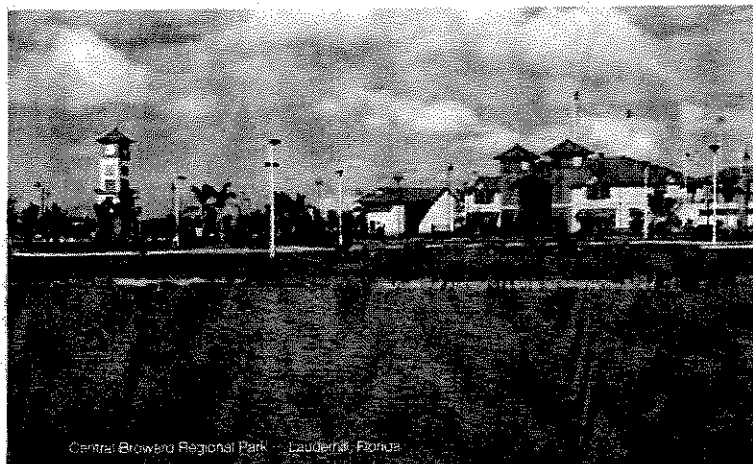
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PARKS PLANNING EXPERIENCE



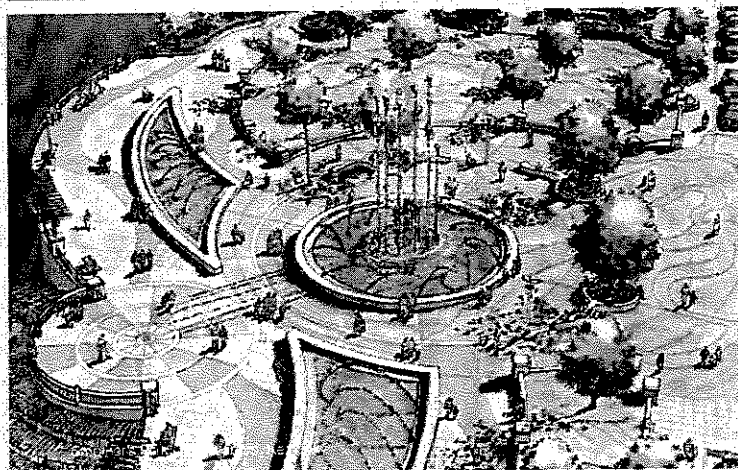
Central Broward Regional Park • Lauderhill, Florida



Boynton Beach 23-Acre Park • Boynton Beach, Florida



Boynton Beach 23-Acre Park • Boynton Beach, Florida



Arrowhead Park
New Hanover County, North Carolina

Badin Lake Feasibility Study
Montgomery County, North Carolina

Bicentennial Park
Miami, Florida

Biscayne National Monument,
Everglades National Park
Big Cypress National Preserve, Fort
Jefferson National Memorial, Florida

Bonita Lakes/Long Creek
Meridian, Mississippi

Boynton Beach Boat Club Park/
Boat Club Park Expansion
Boynton Beach, Florida

Boynton Beach Oceanfront Park
Boynton Beach, Florida

Boynton Beach 23-Acre Park
Boynton Beach, Florida

Brinson Park
Craven County, North Carolina

T.H. Broyhill Park
Durham, North Carolina

Campus Hills Park
Durham, North Carolina

O.B. Smith Park
Broward County, Florida

Central Broward Regional Park
Lauderhill, Florida

Chattahoochee Nature Center
Roswell, Georgia

Comprehensive Land Use Study
Key Largo, Florida

D.E. Henderson Recreational
Area
New Bern, North Carolina

Deerfield Island
Deerfield Island, Florida

Easterlin Park
Broward County, Florida

Edgar B. Moore Park
Sawyer Farms, North
Carolina

El Portal del Yunque
Rio Grande, Puerto Rico

FIU Outdoor Recreational
Improvements
Miami, Florida

Fort Totten Park
New Bern, North Carolina

PARKS PLANNING EXPERIENCE



Jaco Pastorius Park - Oakland Park, Florida



Lake Ackworth Park - Cobb County, Georgia



Greers Ferry Water Garden - Heber Springs, Arkansas



Tradewinds Park - Coconut Creek, Florida

French Brook River Greenway
Asheville, North Carolina

General Electric Employees
Association Park
Cincinnati, Ohio

Greenfield Park
Wilmington, North Carolina

Greers Ferry Water Garden
Heber Springs, Arkansas

Hillcrest Recreation Area
Wilmington, North Carolina

Hillside Park
Durham, North Carolina

Holiday Park
Fort Lauderdale, Florida

Hugh Macrae Park Athletic Field
Wilmington, North Carolina

Jaco Pastorius Park
Oakland Park, Florida

Lake Ackworth Park
Cobb County, Georgia

Lake Johnson Park
Raleigh, North Carolina

Lawson Creek Park
New Bern, North Carolina

Mallard Creek Greenway
Mecklenburg County, North Carolina

McDowell Park Boat Access
Mecklenburg County, North Carolina

Meadows Park
Boca Raton, Florida

Miami Bayfront Park
Miami, Florida

Morreene Park
Durham, North Carolina

Municipal Beachfront
Lake Worth, Florida

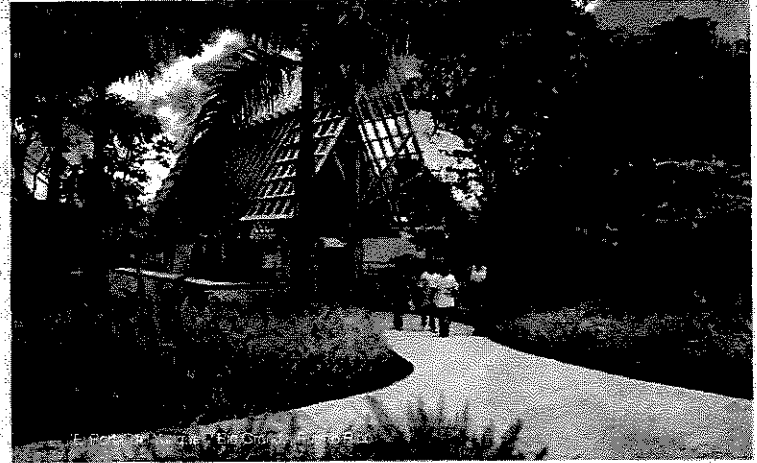
Naples Landing
Naples, Florida

Newport Community Park
Newport, North Carolina

North Carolina Indian Cultural
Center
Pembroke, North Carolina

Pine Island Park and Community
Center
Davie, Florida

PARKS PLANNING EXPERIENCE



Pine Trails Park
Portland, Florida

Pioneer Park
Deerfield Beach, Florida

Riverwalk
Fort Lauderdale, Florida

Rolling Green Park
Boynton Beach, Florida

Salisbury Master Parks
Salisbury, North Carolina

Secret Woods Park
Broward County, Florida

Sherwood Forest
Coral Springs, Florida

Smother's Park
Owensboro, Kentucky

South Beach Park
Boca Raton, Florida

South Shore Park / Miami Beach
Miami Beach, Florida

Spanish River Park
Boca Raton, Florida

St. Lucie Inlet State Park
St. Lucie County, Florida

Statesville Road Community Park
Charlotte, North Carolina

Stump Sound Park
West Onslow Beach, North Carolina

Sugar Sand Park
Boca Raton, Florida

Topeekeegee Yungee Park
Hollywood, Florida

Tradewinds Park
Coconut Creek, Florida

Valley Springs Park
Durham, North Carolina

Waller Park Florida Capital Center
Tallahassee, Florida

West Lake Park
Hollywood, Florida

Wiles Road Park
Coral Springs, Florida

Wilmington Riverfront Study/
Water Street Plaza
Wilmington, North Carolina

Woodlands Swim and Athletic
Center
The Woodlands, Texas