



## COMPANY PROFILE

Bailey Engineering Consultants, Inc. is a small sized multi-disciplined consulting engineering firm specializing in electrical, instrumentation and HVAC design. We provide consulting engineering services to the public and private sectors with preferential services for municipal clients.

In April 1992, Bailey Engineering Consultants, Inc. was formed. We are a second generation consulting firm. Our predecessor firm was C.E. Bailey & Associates, Inc., and was originally established in 1961 by Mr. C.E. Bailey. Our present staff includes one registered electrical engineer, one electrical engineer, one field inspector, one electrical designer and one designer/Cadd operator. Our experience includes municipal lighting projects and electrical and instrumentation system designs for numerous water and wastewater treatment plants located throughout the Southeastern United States.

We take pride in the fact that while we are a small sized firm, we utilize state of the art computerization to accomplish our design projects and project management. The use of CADD systems provides us with enhanced production quality, lower operating costs and closer engineer participation thereby ensuring a higher quality product for the owner.

To reinforce our emphasis on quality in all electrical designs, the company uses an internal quality assurance/quality control system and interfaces with designers from complimentary disciplines to review standards and specifications for specific project needs.

Our lighting design experience is ever growing with numerous sports field and roadway lighting designs recently completed. Our instrumentation system designs include SCADA and PC based systems, as well as numerous traditional plant monitoring and control panel designs. Bailey Engineering Consultants, Inc. has provided the design of numerous reclaimed water control systems throughout Florida. Our design experience encompasses computer/PLC controlled systems utilizing SCADA based systems for interfacing to remote locations, as well as hard wired relay controlled custom solutions.

Bailey Engineering Consultants, Inc. is staffed to provide electrical, instrumentation and HVAC engineering services from inception through design, bid, and construction completion.

## Professional Record

Mr. Bailey is an electrical engineer experienced in designing electrical and control systems for water and wastewater treatment facilities, above and below ground distribution systems and industrial facilities. His project management responsibilities encompass preliminary and final design, cost estimating, and construction/start-up services. He participates on quality assurance/quality control teams to evaluate electrical systems' technical conformance to codes and adherence to a project's overall design scheme. He interfaces with other project consultants, as well as client and vendor representatives. Mr. Bailey is also familiar with technologies involving microprocessors, microwave design, and fiber optics.

Mr. Bailey is experienced in electrical project engineering and project management. He has practiced applied electrical engineering on a variety of environmental projects having been involved from concept to preliminary and final design through construction start-up. His experience involves electrical engineering for water treatment plants, wastewater treatment and disposal facilities, water reuse and irrigation systems, and instrumentation and control systems.

Mr. Bailey was the project manager, in responsible charge, for all electrical design concerns for the following projects:

- Williams Island Roadway & Landscape Lighting  
Aventura, Florida
- Fort Lauderdale Street Lighting  
Andrews to Third Avenues  
City of Fort Lauderdale, Florida
- N.E. 190<sup>th</sup> Street  
City of Aventura, Florida
- N.E 185<sup>th</sup> Street  
City of Aventura, Florida
- McNab Road Lighting  
Broward County, Florida
- Beach Place A1A Roadway Lighting  
City of Fort Lauderdale, Florida
- Holiday Park - Phase I, II & III  
City of Fort Lauderdale, Florida



## Stephen E. Bailey President

**BAILEY ENGINEERING CONSULTANTS, INC.**

### Academic Credential:

Bachelors of Electrical Engineering  
Georgia Institute of Technology, 1983  
Power and Control Theory

Professional Engineer: Florida, Virginia, Georgia,  
North Carolina

### Employment Record:

1992-Present -Bailey Engineering Consultants  
1986-1992 - C.E. Bailey & Associates, Inc.  
1984-1986 - Advanced Micro Devices  
1983-1984 - Hewlett-Packard

### Principal Areas of Expertise:

Electrical and Control Design of Water and Wastewater Treatment Facilities, Pump Stations, Industrial, Environmental, Municipal and Commercial Projects

Electrical Studies, Value Engineering, and All Phases of Project Management

### Professional Activities:

National Society of Professional Engineers (NSPE)  
Institute of Electrical and Electronic Engineers (IEEE)  
Florida Engineering Society (FES)  
National Fire Protection Association (NFPA)  
Instrument Society of America (ISA)

## Professional Record

Mr. Libo-on is an electrical engineer experienced in designing lighting and power systems for residential, commercial, industrial, parks and recreation, and wastewater treatment facilities, above and below ground distribution systems and industrial facilities. His electrical designing responsibilities encompass all aspects of drawing production, as well as system design.

### EXPERIENCE

Mr. Libo-on is experienced in electrical design. He has been involved in the electrical system design on a variety of projects. His experience includes electrical designs for water treatment plants, water reclamation facilities and water reuse projects, and lighting projects. A sample of projects in which Mr. Libo-on was involved is as follows:

- McNab Roadway Lighting  
City of Tamarac, Florida
- Sunset Strip Pedestrian Lighting  
City of Sunrise, Florida
- Oakland Park Boulevard Improvements  
City of Sunrise, Florida
- Waterways Park  
City of Aventura, Florida
- Aventura 34<sup>th</sup> Street  
City of Aventura, Florida
- Biscayne 5 and 6  
City of Aventura, Florida
- Master Lift Station Rehabilitation  
Lauderdale-By-The-Sea, Florida
- Lake City WTP Chemical Additions  
City of Lake City, Florida



## Jay Libo-on Electrical Engineer

**BAILEY ENGINEERING CONSULTANTS, INC.**

### Academic Credentials:

Bachelors of Science, Electrical Engineering  
Florida Atlantic University, 1999

Engineer Intern – Florida No. 1100006452

### Employment Record:

1998-Present: Bailey Engineering Consultants

1994-1998: Leahy Document & Information  
Management

### Principal Areas of Expertise:

Electrical and Control Design of Water and Wastewater Treatment Facilities, Pump Stations, Industrial, Environmental, Municipal and Commercial Projects

## Professional Record

Mr. Hayward is a licensed electrician qualified to inspect and/or install electrical work for various municipality and industrial projects. He specializes in inspection, advanced technical wiring, motor control, instrumentation wiring, schematic diagrams and fire alarm systems. As an electrician, he consistently brought major projects to a successful completion on schedule and within the budget limits.

Mr. Hayward has supervised the electrical construction portion of the following projects:

- N.E. 185<sup>th</sup> Street  
Aventura, FL
- N.E. 190<sup>th</sup> Street  
Aventura, FL
- Williams Island Roadway Lighting  
Aventura, FL
- Aventura 34<sup>th</sup> Street Roadway Lighting  
Aventura, FL
- Aventura Boulevard Entryway Lighting  
Aventura, FL
- Miracle Mile Landscape Lighting  
Coral Gables, FL
- McNab Roadway Lighting  
Tamarac, FL
- Holiday Park – Phase I, II & III  
Fort Lauderdale, FL
- Mills Pond Park  
Fort Lauderdale, FL

Mr. Hayward is uniquely qualified to provide construction inspection for industrial projects or any other construction implementation aspect related to movable bridges or numerous other industrial complexes.



## Dan W. Hayward Electrician

### BAILEY ENGINEERING CONSULTANTS, INC.

#### Academic Credentials:

Union Electrician Apprenticeship School, 1983-1987

- Graduate

Licensed Electrician:

- Broward County #90-WE-2642-X
- Palm Beach County #J15606

#### Employment Record:

2/98 – Present - Bailey Engineering Consultants

- Responsible for all aspects of construction supervision. This includes shop drawing review, responding to contractor questions and field supervision of contracted work.

2/91 – 2/98 - Edwards Electric, Inc.

- Performed electrical installation and supervision as foreman for various electrical contracts including movable bridges, water and wastewater treatment facilities, and conveyer systems.

1/98 – 2/97 - Hayward Electric Inc.

- Performed electrical installation and supervision as foreman for all phases of residential electrical work including estimates and preparation of proposals for clients.

#### Principal Areas of Expertise:

- Advanced technical wiring
- Motor control
- Instrumentation wiring
- Schematics
- Fire alarms systems

#### Professional Activities:

- Member of Local Union 728 - 13 Years

**STANDARD FORM (SF)**

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Architect-Engineer and Related Questionnaire

1. Firm Name/Business Address:



**Bailey Engineering Consultants, Inc.**  
**2101 N. Andrews Avenue, Suite 100**  
**Fort Lauderdale, FL 33311**

1a. Submittal is for  Parent Company  Branch or Subsidiary

2. Year Present Firm Established:

**1992**

3. Date Prepared:

**1/10/03**

4. Specify type of ownership and check below if applicable

**Corporation**

- A. Small Business
- B. Small Disadvantaged Business
- C. Women-owned Business

5. Name of Parent Company, if any:

**Same**

5a. Former Parent Company Name(s), if any and Year(s) Established:

6. Name of not more than Two Principals to Contact:

- 1) **Stephen E. Bailey, P.E., President/954-564-3111**
- 2)

7. Present Offices: City / State / Telephone / No. Personnel Each Office

**Fort Lauderdale/FL/954-564-3111**  
**Orlando/FL/407-425-1717**

7a. Total Personnel **5**

8. Personnel by Discipline: (List each person only once, by primary function.)

<u>1</u> Administrative	<u>2</u> Electrical Engineers	_____ Oceanographer	<u>1</u> <b>Field Supervisor</b>
_____ Architects	_____ Estimators	_____ Planners:	_____
_____ Chemical Engineers	_____ Geologists	_____ Sanitary Engineers	_____
_____ Civil	_____ Hydrologists	_____ Soils Engineers	_____
_____ Construction Inspectors	_____ Interior	_____ Specification Writers	_____
<u>1</u> Draftsmen	_____ Landscape Architects	_____ Structural Engineers	_____
_____ Ecologists	_____ Mechanical Engineers	_____ Surveyors	_____
_____ Economists	_____ Mining Engineers	_____ Transportation	_____

9. Summary of Professional Services Fees Received:

Last 5 Years (most recent year first)

(Insert index number)	<u>2002</u>	<u>2001</u>	<u>2000</u>	<u>1999</u>	<u>1998</u>
Direct Federal contract work, including overseas	_____	_____	_____	_____	_____
All other domestic work	<u>4</u>	<u>4</u>	<u>4</u>	<u>4</u>	<u>3</u>
All other foreign	_____	_____	_____	_____	_____

\*Firms interested in foreign work, but without such experience, check here:

Ranges of Professional Services Fees INDE

- 1. Less than \$100,000
- 2. \$100,000 to \$250,000
- 3. \$250,000 to \$500,000
- 4. \$500,000 to \$1 million
- 5. \$1 million to \$2 million
- 6. \$2 million to \$5 million
- 7. \$5 million to \$10 million
- 8. \$10 million or greater

10. Profile of Firm's Project Experience, Last 5 Years									
	Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)
1)	043	57	150	11)			21)		
2)	080	57	100	12)			22)		
3)	083	57	450	13)			23)		
4)	062	18	120	14)			24)		
5)				15)			25)		
6)				16)			26)		
7)				17)			27)		
8)				18)			28)		
9)				19)			29)		
10)				20)			30)		

11. Project Examples, Last 5 Years					
Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
062 083	C	1 207th & 34th Roadway Lighting Aventura, Florida	Mr. Tony Tomei, Capital Projects Dir. City of Aventura 2999 NE 191 St., Suite 500 Aventura, FL 33180	350	3/99
043 080 083	C	2 Aventura Blvd & Biscayne Blvd Streetscape Entryway City of Aventura, Florida	Mr. Al Catullo/305-466-8923 City of Aventura 2999 NE 191st Street, Suite 500 Aventura, FL 33180	1100	5/98
062 083	C	3 Biscayne Boulevard Landscaping Aventura, Florida	Mr. Tony Tomei, Capital Projects Dir. City of Aventura 2999 NE 191 St., Suite 500 Aventura, FL 33180	10	3/99
042 062 080 083	C	4 Wellington Green Mall Wellington, Florida	Mr. William Pepin, Ph. 248-258-7597 The Taubman Company P.O. Box 200 Bloomfield Hills, MI 48303-0200	85,000	6/01
042 062 080 083	C	5 Tampa International Mall Tampa, Florida	Mr. William Pepin, Ph. 248-258-7597 The Taubman Company P.O. Box 200 Bloomfield Hills, MI 48303-0200	109	5/01
043 080 085 062	C	6 Williams Island Roadway & Landscape Lighting on 183rd Street Aventura, Florida	Mr. Al Catullo/305-466-8923 City of Aventura 2999 NE 191st Street, Suite 500 Aventura, FL 33180	150	12/98
062 083	C	7 N.E. 190th Street Aventura, Florida	Mr. Tony Tomei, Capital Projects Dir. City of Aventura 2999 NE 191 St., Suite 500 Aventura, FL 33180	250	4/99

062 083	C	8 N.E. 185th Street Aventura, Florida	Mr. Tony Tomei, Capital Projects Dir. City of Aventura 2999 NE 191 St., Suite 500 Aventura, FL 33180	180	2/00
062 083	C	9 Miracle Mile Landscape Lighting Coral Gables, Florida	Mr. Alberto Delgado, 305-460-5000 City of Coral Gables 285 Aragon Avenue Coral Gables, FL 33134	75	7/99
062 083	C	10 McNab Road Lighting Broward County, Florida	Mr. Tony Rabbat, 954-724-2400 City of Tamarac 6011 Nob Hill Road Tamarac, FL 33321	300	4/99
043 080 083	C	11 Fort Lauderdale Street Lighting Andrews to Third Avenues City of Fort Lauderdale, Florida	Mr. Mehrdad Fayyaz, P.E./954-761-5063 City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301	15	11/96
062 083	C	12 Country Club Drive Bus Shelters Aventura, Florida	Mr. Tony Tomei, Capital Projects Dir. City of Aventura 2999 NE 191 St., Suite 500 Aventura, FL 33180	15	6/98
062 083	C	13 Coral Ridge Mall Parking Lot Fort Lauderdale, Florida	Gumberg Asset Management 3200 N. Federal Highway Fort Lauderdale, FL 33306 954-537-2700	300	3/99
043 080 083	C	14 Collins Avenue - Phase II Beautification Project Bal Harbour, Florida	Alfred J. Treppeda Bal Harbour Village 655 96th Street Bal Harbour, FL 33154	600	2/96
043 080 083	C	15 Collins Avenue - Phase I Beautification Project City of Bal Harbour, Florida	Alfred J. Treppeda Bal Harbour Village 655 96th Street Bal Harbour, FL 33154	150	1993
062 083	C	16 Buttonwood Hammock Street Lighting Coconut Creek, Florida	Mr. Mano Hoyas, 561-345-4474 K. Houmanian of Florida 1800 S. Australian Ave., Suite 400 West Palm Beach, FL 33049	5	6/98
043 080 083	C	17 Beach Place A1A Roadway Lighting City of Fort Lauderdale, Florida	Mr. Peter Sheridan, III, P.E./954-761-5063 City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301	15	10/96
043 080 085 062	C	18 County Road 512 & I-95 Interchange Indian River County, Florida	Florida Department of Transportation 3400 West Commercial Blvd. Fort Lauderdale, FL 33309	375	12/98
043 080 083	C	19 Fort Lauderdale-Hollywood International Airport Sign Lighting Fort Lauderdale, Florida	Broward County Aviation Department 1400 Lee Wagner Blvd. Fort Lauderdale, FL 33315	55	12/96

043 080 085 062	C	20 Major Entry Sign Lighting South Federal Highway Fort Lauderdale, Florida	Mr. Mehrdad Fayyaz/954-761-5772 City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301	7.5	6/98
062 083	C	21 Morikami Parking Lot Lighting Delray Beach, Florida	Mr. Daniel Lee Cruz, 561-233-0258 Palm Beach County Capital Improv. Div. 3323 Belvedere Rd., Building 503 West Palm Beach, FL 33406	60	4/99
043 080 083	C	22 Pembroke Falls Lighting Pembroke Pines, Florida	Mr. William Gardiner/954-432-2003 Engle Homes - Broward 13160-T Taft Street Pembroke Pines, FL 33028	60	6/96
062 083	C	23 Royal Palm Park Lighting Improvements Oakland Park, Florida	Mr. Dave Womacks, 954-561-6275 City of Oakland Park 250 NE 33rd Street Oakland Park, FL 33334	40	7/99
043 080 083	C	24 Shady Banks Entrance Lighting City of Fort Lauderdale, Florida	Mr. Peter Sheridan/954-761-5772 City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301	42	8/96
062 083	C	25 Stonebrook Entry Fountain Davie, Florida	Mr. Joseph Falso Stonebrook Estates, Ltd. 7227 Clint Moore Road Boca Raton, FL 33496	10	2/98
062 083	C	26 Las Olas Bridge Parking Lot Fort Lauderdale, Florida	Mr. Peter Strelkow/954-761-5772 City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301	60	6/99
043 080 083	C	27 Harbor Beach Modification Project City of Fort Lauderdale, Florida	Mr. Hal Barnes/954-761-5772 City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301	120	6/98
062 083	C	28 American Express Parking Lot Plantation, Florida	Mr. Lance Wilkins, 954-503-7009 American Express 777 American Expressway Fort Lauderdale, FL 33337-0001	50	2/00
062 083	C	29 Admiral's Port Parking Lot Aventura, Florida	Mr. Tony Tomei, Capital Projects Dir. City of Aventura 2999 NE 191 St., Suite 500 Aventura, FL 33180	15	12/98
043 080 083	C	30 Coral Shores Entrance Way Lighting City of Fort Lauderdale, Florida	Mr. Marcus Trobaugh Coral Shores Homeowners Association 2006 NE 30th Street Fort Lauderdale, FL 33306	10	11/96

12. The foregoing is statement of facts

Date:

Signature: \_\_\_\_\_

Typed Name and Title: Stephen E. Bailey, P.E., President

1/10/03



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Architect-Engineer and Related Services Questionnaire for Specific Project

1. Project Name/Location for which Firm is Filing:

2a. *Commerce Business Daily Announcement* Date, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address



**Bailey Engineering Consultants, Inc.**  
 2101 N. Andrews Avenue, Suite 100  
 Fort Lauderdale, FL 33311

3a. Name, Title & Telephone Number of Principal to Contact

**Stephen E. Bailey, P.E., President, 954-564-3111**

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline: (List each person only once, by primary function.) Enter proposed consultant personnel to be utilized on this project on line (A) and In-house personnel on line (B).



(A) <u>    </u> (B) <b>1</b> Administrative	(A) <u>    </u> (B) <b>2</b> Electrical Engineers	(A) <u>    </u> (B) <u>    </u> Oceanographers	(A) <u>    </u> (B) <b>1</b> <b>Field Supervisor</b>
(A) <u>    </u> (B) <u>    </u> Architects	(A) <u>    </u> (B) <u>    </u> Estimators	(A) <u>    </u> (B) <u>    </u> Planners: Urban/Regional	(A) <u>    </u> (B) <b>1</b> <b>Instrumentation Engr.</b>
(A) <u>    </u> (B) <u>    </u> Chemical Engineers	(A) <u>    </u> (B) <u>    </u> Geologists	(A) <u>    </u> (B) <u>    </u> Sanitary Engineers	(A) <u>    </u> (B) <u>    </u>
(A) <u>    </u> (B) <u>    </u> Civil Engineers	(A) <u>    </u> (B) <u>    </u> Hydrologists	(A) <u>    </u> (B) <u>    </u> Soils Engineers	(A) <u>    </u> (B) <u>    </u>
(A) <u>    </u> (B) <u>    </u> Construction Inspectors	(A) <u>    </u> (B) <u>    </u> Interior Designers	(A) <u>    </u> (B) <u>    </u> Specification Writers	(A) <u>    </u> (B) <u>    </u>
(A) <u>    </u> (B) <b>2</b> Draftsmen	(A) <u>    </u> (B) <u>    </u> Landscape Architects	(A) <u>    </u> (B) <u>    </u> Structural Engineers	(A) <u>    </u> (B) <u>    </u>
(A) <u>    </u> (B) <u>    </u> Ecologists	(A) <u>    </u> (B) <u>    </u> Mechanical Engineers	(A) <u>    </u> (B) <u>    </u> Surveyors	(A) <u>    </u> (B) <u>    </u>
(A) <u>    </u> (B) <u>    </u> Economists	(A) <u>    </u> (B) <u>    </u> Mining Engineers	(A) <u>    </u> (B) <u>    </u> Transportation Engineers	(A) <u>    </u> (B) <b>7</b> Total Personnel


5. If submittal is by JOINT-VENTURE list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together?  Yes  No

6. If respondent is not a joint-venture, list outside key Consultants/Associates anticipated for this project (Attach SF 254 for Consultants/Associates listed, if not already on file with Contracting Office).

Name and Address	Specialty	Worked with Prime before (Yes or No)
1) N/A		
2)		
3)		
4)		
5)		
6)		
7)		
8)		

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.	
a. Name and Title: <b>Stephen E. Bailey, P.E.</b> President	a. Name and Title: <b>Jay Libo-On</b> Electrical Engineer
b. Project Assignment: Project Manager/Sr. Electrical Engineer	b. Project Assignment: Project Engineer
c. Name of Firm with which associated:  <b>Bailey Engineering Consultants, Inc.</b>	c. Name of Firm with which associated:  <b>Bailey Engineering Consultants, Inc.</b>
d. Years Experience: With this Firm <u>11</u> With Other Firms <u>9</u>	d. Years Experience: With this Firm <u>5</u> With Other Firms <u>4</u>
e. Education: Degree/Year/Specialization Bachelors of Electrical Engineering, 1983 Power and Control Theory	e. Education: Degree(s)/Year/Specialization Florida Atlantic University, 1999 Bachelors of Science, Electrical Engineering
f. Active Registration: Year First Registered/Discipline Florida - Electrical, 1990 Virginia - Electrical, 1991 Georgia - Electrical, 1995 North Carolina - Electrical. 2000	f. Active Registration: Year First Registered/Discipline Engineer Intern - Florida No. 1100006452
g. Other Experience and Qualifications relevant to the proposed project: President and Sr. Electrical Engineering for Bailey Engineering Consultants, Inc. In charge of electrical and instrumentation design for all projects. Extensive background and experience in water and wastewater projects with over ten years of actual design and construction services for all projects designed.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Libo-on is an electrical engineer experienced in designing lighting and power systems for residential, commercial, industrial, parks and recreation, and wastewater treatment facilities, above and below ground distribution systems and industrial facilities. His electrical designing responsibilities encompass all aspects of drawing production, as well as system design.

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.	
a. Name and Title: <b>Dan Hayward</b> Field Supervisor	a. Name and Title:
b. Project Assignment: Field Supervisor	b. Project Assignment:
c. Name of Firm with which associated:  <b>Bailey Engineering Consultants, Inc.</b>	c. Name of Firm with which associated:
d. Years Experience: With this Firm <u>5</u> With Other Firms <u>10</u>	d. Years Experience: With this Firm _____ With Other Firms _____
e. Education: Degree/Year/Specialization Union Electrician Apprentice School, 1983-1987	e. Education: Degree(s)/Year/Specialization
f. Active Registration: Year First Registered/Discipline Licensed Electrician in Broward County - #90-WE-2642-X & Palm Beach County - #J15606	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project: Mr. Hayward is a licensed electrician qualified to inspect and/or install electrical work for industrial facilities. He specializes in inspection, advanced technical wiring, motor control, instrumentation wiring, schematic diagrams and fire alarm systems. As an electrician, he consistently brought major projects to a successful completion on schedule and within the budget limits.	g. Other Experience and Qualifications relevant to the proposed project:

8. Work by firms or joint-venture members which best illustrate current qualifications relevant to this project (list not more than 10 projects).					
a. Project Name & Location	b. Nature of Firm's Responsibility	c. Project Owner's Name & Address and Project Manager's Name & Phone Number	d. Completion Date (actual or estimated)	e. Estimated Cost (In Thousands)	
				Entire Project	Work For Which Firm Was/Is Responsible
(1) <b>207th &amp; 34th Roadway Lighting</b> Aventura, Florida	Electrical design of decorative roadway lighting and landscape lighting.	Mr. Tony Tomei, Capital Projects Dir. Ciy of Aventura 2999 NE 191 St., Suite 500 Aventura, FL 33180	3/99	1,200	350
(2) <b>Aventura Blvd &amp; Biscayne Blvd Streetscape Entryway</b> City of Aventura, Florida	Electrical design of decorative roadway and landscape lighting on approximately 8/10 of a mile roadway.	Mr. Al Catullo/305-466-8923 City of Aventura 2999 NE 191st Street, Suite 500 Aventura, FL 33180	5/98	3500	1100
(3) <b>Biscayne Boulevard Landscaping</b> Aventura, Florida	Electrical design of service to irrigation controllers.	Mr. Tony Tomei, Capital Projects Dir. City of Avenutra 2999 NE 191 St., Suite 500 Aventura, FL 33180	3/99	100	10
(4) <b>Wellington Green Mall</b> Wellington, Florida	Electrical design of parking lot, roadway & landscape ltg for mall & floating fountains. Provided all utility coordination for power, telephone & cable service	Mr. William Pepin, Ph. 248-258-7597 The Taubman Company P.O. Box 200 Bloomfield Hills, MI 48303-0200	6/01	85,000	650
(5) <b>Tampa International Mall</b> Tampa, Florida	Electrical design of parking lot, roadway & landscape ltg for mall & floating fountains. Provided all utility coordination for power, telephone & cable service	Mr. William Pepin, Ph. 248-258-7597 The Taubman Company P.O. Box 200 Bloomfield Hills, MI 48303-0200	5/01	109	750
(6) <b>Williams Island Roadway &amp; Landscape Lighting on 183rd Street</b> Aventura, Florida	Electrical design of decorative roadway and landscape lights on approximately 1.1 miles of roadway.	Mr. Al Catullo/305-466-8923 City of Aventura 2999 NE 191st Street, Suite 500 Aventura, FL 33180	12/98	750	150
(7) <b>N.E. 190th Street</b> Aventura, Florida	Electrical design of decorative roadway lighting on N.E. 190th street.	Mr. Tony Tomei, Capital Projects Dir. Ciy of Aventura 2999 NE 191 St., Suite 500 Aventura, FL 33180	4/99	500	250
(8) <b>N.E. 185th Street</b> Aventura, Florida	Electrical design of decorative roadway lighting along N.E. 185th street.	Mr. Tony Tomei, Capital Projects Dir. Ciy of Aventura 2999 NE 191 St., Suite 500 Aventura, FL 33180	2/00	900	180
(9) <b>Miracle Mile Landscape Lighting</b> Coral Gables, Florida	Electrical design for decorative landscape lighting for proposed medians from LeJuene Raod to Douglas Road.	Mr. Alberto Delgado, 305-460-5000 City of Coral Gables 285 Aragon Avenue Coral Gables, FL 33134	7/99	350	75
(10) <b>McNab Road Lighting</b> Broward County, Florida	Electrical design of roadway lighting as per FDOT standards.	Mr. Tony Rabbat, 954-724-2400 City of Tamarac 6011 Nob Hill Road Tamarac, FL 33321	4/99	1,500	300

9. All work by firms or joint-venture members currently being performed directly for Federal agencies.

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name and Address and Project Manager's Name & Phone Number	d. Percent Complete	e. Estimated Cost (In Thousands)	
				Entire Project	Work For Which Firm Is Responsible

10. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

Bailey Engineering Consultants, Inc. is a small sized multi-disciplined consulting engineering firm specializing in electrical, instrumentation and HVAC design. We provide consulting engineering services to the public and private sectors with preferential services for water and wastewater prime consultants.

In April, 1992, Bailey Engineering Consultants, Inc. was formed. Our present staff includes one registered electrical engineer, one electrical engineer, one instrumentation engineer, one field supervisor, one electrical designer, and one designer/Cadd operator. Our experience includes electrical and instrumentation system designs for numerous water and wastewater treatment plants located throughout the Southeastern United States, with the majority of our projects located in Southern and Central Florida.

We take pride in the fact that while we are a small sized firm, we utilized state of the art computerization to accomplish our design projects and project management. The use of CADD systems provides us with enhanced production quality, lower operating costs and closer engineer participation thereby ensuring a higher quality product for the owner.

To reinforce our emphasis on quality in all electrical designs, the company uses an internal quality assurance/quality control system and interfaces with designers from complimentary disciplines to review standards and specifications for specific project needs.

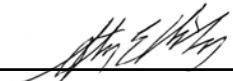
Our electrical distribution systems experience covers the full range up to 13KV distribution with significant experience involving 4,160 volt distribution systems and paralleled generators. Our instrumentation systems design includes SCADA and PC based systems, as well as numerous traditional plant monitoring and control panel designs. Bailey Engineering Consultants, Inc. has provided the design of numerous reclaimed water control systems throughout Florida. Our design experience encompasses computer/PLC controlled systems utilizing SCADA based systems for interfacing to remote locations, as well as hard wired relay controlled custom solutions.

Bailey Engineering Consultants, inc. is staffed to provide electrical, instrumentation and HVAC engineering services from inception through design, bid, and construction completion.

11. The foregoing is a statement of fact.

Date:

Signature: \_\_\_\_\_



Typed Name and Title: **Stephen E. Bailey, P.E., President**

1/14/03