



COMPANY PROFILE

Bailey Engineering Consultants, Inc. is a small sized multi-disciplined consulting engineering firm specializing in electrical, instrumentation and control 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 two registered electrical engineers, one electrical engineer, one field supervisor, and two electrical designers. Our experience includes municipal design projects and electrical and instrumentation system designs for numerous water and wastewater treatment plants located throughout Florida.

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 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 Spread Spectrum SCADA and PC based systems design, as well as numerous traditional plant monitoring and control panel designs. Bailey Engineering Consultants, Inc. has provided the design of numerous water and wastewater electrical and control system designs 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 municipal systems and water and wastewater treatment facilities, above and below ground distribution systems, lighting systems for parks and roadway 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 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 computer facilities, treatment and disposal facilities, and power/lighting designs for buildings.

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

- Miramar Pump Station & Ground Storage Tank
City of Miramar, Florida
- Sanibel Effluent Pump Station & Lift Station Upgrades
City of Sanibel, Florida
- Booster Pump Station @ Charles A. Black WTP-1
Citrus County, Florida
- Pompano Pump Station No. 16
City of Pompano Beach, Florida
- Pompano Lift Stations (9 Total)
City of Pompano Beach, Florida
- Pompano Lift Stations (13 Total)
City of Pompano Beach, Florida
- Master Pump Station
Bal Harbour, Florida
- Hidden Valley Stormwater Pump Station
Boca Raton, Florida
- Cape Coral MPS 200/LS #317
City of Cape Coral, Florida

Stephen E. Bailey President



BAILEY ENGINEERING CONSULTANTS, INC.

Academic Credentials:

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)
Florida Institute of Consulting Engineers (FICE)
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:

- Sanibel Effluent Pump Station & Lift Station Upgrades
City of Sanibel, Florida
- Pompano Pump Station No. 16
City of Pompano Beach, Florida
- Pompano Lift Stations (9 Total)
City of Pompano Beach, Florida
- Pompano Lift Stations (13 Total)
City of Pompano Beach, Florida
- Lift Station Rehabilitation
City of Mount Dora, Florida
- Master Lift Station Rehabilitation
Lauderdale-By-The-Sea, Florida
- Lauderhill Lift Stations (4 Total)
City of Lauderhill, 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 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.

Mr. Hayward has planned, supervised and successfully completed the electrical installation of the following Florida Intra-coastal movable bridges, water/wastewater treatment plants, and industrial installations:

- Pompano Pump Station No. 16
Pompano Beach, Florida
- Pompano Lift Stations (9 Total)
Pompano Beach, Florida
- Pompano Lift Stations (13 Total)
Pompano Beach, Florida
- SBDD Stormwater Pump Stations S4 & S5
Broward County, Florida
- Pembroke Park Stormwater Pump Station
Pembroke Park, Florida
- Lauderhill Lift Stations (4 Total)
Lauderhill, Florida
- Sanibel Effluent Pump Station & Lift Station
Sanibel, Florida
- Pump Station D37
Fort Lauderdale, FL
- Weston Stormwater Pump Station, Weston, FL
Weston, Florida
- Master Lift Station Rehab
Lauderdale-By-The-Sea, Florida

Mr. Hayward is uniquely qualified to provide construction inspection for industrial projects or any other construction implementation aspect related to municipal WWTP/WTP projects or numerous other industrial complexes.

Dan W. Hayward Electrician



BAILEY ENGINEERING CONSULTANTS, INC.

Academic Credentials:

Union Electrician Apprentice School, 1983-1987
• Graduate

Licensed Electrician:
Broward County #90-WE-2642-X
Palm Beach County #J15606

Employment Record:

Feb. 1998-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.

Feb. 1991-Feb. 1998 - 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.

Jan. 1988-Feb. 1991 - 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 - 12 Years

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Architect-Engineer and Related Services 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 Office

2. Year Present Firm Established:

1992

3. Date Prepared:

1/14/03

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: Title/Telephone

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 7

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

<u>1</u> Administrative	<u>2</u> Electrical Engineers	_____ Oceanographers	<u>1</u> Field Supervisor
_____ Architects	_____ Estimators	_____ Planners: Urban/Regional	<u>1</u> Instrumentation Engineer
_____ Chemical Engineers	_____ Geologists	_____ Sanitary Engineers	_____
_____ Civil Engineers	_____ Hydrologists	_____ Soils Engineers	_____
_____ Construction Inspectors	_____ Interior Designers	_____ Specification Writers	_____
<u>2</u> Draftsmen	_____ Landscape Architects	_____ Structural Engineers	_____
_____ Ecologists	_____ Mechanical Engineers	_____ Surveyors	_____
_____ Economists	_____ Mining Engineers	_____ Transportation Engineers	<u>7</u>

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 work*	_____	_____	_____	_____	_____

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

Ranges of Professional Services Fees INDEX

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)				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)
043 080 083	C	1 Pompano Lift Stations (13 Total) City of Pompano Beach, Florida	Mr. William F. Flaherty, Ph. 954-786-4061 City of Pompano Beach 1201 NE 5th Avenue Pompano Beach, FL 33060	2,000	6/01
043 080 083	C	2 Pompano Lift Stations (9 Total) City of Pompano Beach, Florida	Mr. William F. Flaherty, Ph. 954-786-4061 City of Pompano Beach 1201 NE 5th Avenue Pompano Beach, FL 33060	1,500	4/00
043 080 083	C	3 Pompano Pump Station No. 16 City of Pompano Beach, Florida	Mr. William F. Flaherty, Ph. 954-786-4061 City of Pompano Beach 1201 NE 5th Avenue Pompano Beach, FL 33060	2,300	7/00
043 080 083	C	4 Miramar Pump Station & Ground Storage Tank Miramar, Florida	Henry E. Talton, P.E., City Engineer City of Miramar Public Works 6901 Miramar Parkway Miramar, FL 33023-6004, ph. 954-967-1663	450	12/01
083	C	5 Lift Station No. 44 City of Coconut Creek, Florida	Ms. Sheila S. McGann, Ph. 954-973-6730 City of Coconut Creek 4800 W. Copans Rd. Coconut Creek, FL 33063	45	10/02
043 080 083	C	6 Clearwater LS#24 & #40 Rehabilitation Clearwater, Florida	Mr. Kelly O'Brien, Proj. Engineer, 727-562-4591 City of Clearwater P.O. Box 4748 Clearwater, FL 34618-4748	120	12/01
043 080 083	C	7 Tavares Emergency Generator Addition Lift Station No. 19 Tavares, Florida	Mr. Bernie Vaughn, Ph. 352-742-6222 City of Tavares 100 N. Disston Avenue Tavares, FL 32778	50	9/00

043 080 083	C	8 Route 19 Pump Station Citrus County, Florida	Mr. Louis Badami Citrus County 3600 W. Sovereign Path Lecanto, FL 34461	50	8/99
043 080 083	C	9 Riverhaven/Homasassa Lift Stations Citrus County, Florida	Mr. Louis Badami Citrus County 3600 W. Sovereign Path Lecanto, FL 34461	60	10/00
043 080 083	C	10 Cape Coral MPS 200/LS #317 City of Cape Coral, Florida	Bill Gaffer/941-574-0831 City of Cape Coral P.O. Box 150027 Cape Coral, FL 33915-0027	250	7/97
043 080 083	C	11 Abacoa Master Pump Station Abacoa Development Palm Beach County, Florida	Jay J. Carpenter/Ph. 561-745-6400 Abacoa Development Company 675 W. Indiantown Rd., Suite 203 Jupiter, FL 33458	180	11/96
043 080 083	C	12 Coral Springs Lift Station SCADA System Coral Springs, Florida	Robert W. Glenn, P.E. Coral Springs Public Works 9551 W. Sample Road Coral Springs, FL 33065/Ph.954-344-1000	250	10/97
043 080 083	C	13 Lauderhill Lift Stations (4 Total) Lauderhill, Florida	Mr. Brian Shields, P.E., Ph. 954-730-2961 City of Lauderhill 2000 City Hall Drive Lauderhill, FL 33313	700	11/00
043 080 083	C	14 Lift Station Electrical Improvements City of Lauderhill, Florida	Mr. Brian Shields, P.E. City of Lauderhill 2101 NW 49th Avenue Lauderhill, FL 33313	750	12/97
043 080 083	C	15 Pompano Beach Wellfield Improvements Pompano Beach, Florida	Mr. John Fessler, P.E. City of Pompano Beach P.O. Box 1300 Pompano Beach, FL 33061	110	6/98
043 080 085	C	16 Pump Station D37 Emergency Services & Design City of Fort Lauderdale, Florida	Mr. Mehrdad Fayyaz/954-761-5772 City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301	75	8/98
043 080 083	C	17 South County Repump Station Indian River County, Florida	Indian River Cty/Ph. 407-567-8000 1840 25th Street Vero Beach, FL 32960	200	2/97
043 080 083	C	18 West Wellfield Improvements St. Lucie Utilities	Mr. George Morgan, Utilities Director St. Lucie Services District 450 SW Utility Drive Port St. Lucie, FL 34986, 561-340-0220	90	8/98
043 080 085	C	19 Venice RO Hypochlorite Facility City of Venice, Florida	Mr. John M. Lane, Dir. of Utilities City of Venice 401 W. Venice Avenue Venice, FL 34285	500	6/01

043 080 083	C	20 Eustis WWTP Eustis, Florida	Mr. Erwin Gajentan, Ph. 352-357-5618 City of Eustis 901 Bates Avenue Eustis, FL 32726	1,200	4/00
043 080 083	C	21 NE WWTP Expansion Clearwater, Florida	Mr. Kelly O'Brien, Proj. Engineer, 727-562-4591 City of Clearwater P.O. Box 4748 Clearwater, FL 34618-4748	1,500	12/01
043 080 083	C	22 Volusia County Southwest WRF Volusia County, Florida	Mr. Tom Sivert, P.E., (904) 943-7027 Volusia County Utilities Services 123 W. Indiana Avenue Deland, FL 32720	400	6/00
043 080 083	C	23 Southeast Regional WWTP Expansion Manatee County, Florida	Mr. Tim Hochuli, P.E., 941-792-8811 Manatee County Gov't, Proj. Mgmt. Dept. 4422-A 66th Street West Bradenton, FL 34210	1,800	10/01
043 080 083	C	24 Southport WWTP Expansion City of Port St. Lucie, Florida	David K. Pollard, Director City of Port St. Lucie/Ph.407-871-5223 121 S.W. Port St. Lucie Blvd. Port St. Lucie, FL 34984	400	6/97
043 080 083	C	25 North Port WWTP Expansion City of North Port, Florida	Cindy B. Mick, Director of Utilities City of North Port P.O. Box 7228 North Port, Florida 34287-7228	500	12/96
043 080 085	C	26 Lake Groves WTP Lake Groves Utilities, Inc.	Mr. Jerry Salsano, P.E., Ph. 407-869-1919 Lake Groves Utilities, Inc. 200 Weatherfield Avenue Altamonte Springs, FL 32714	900	12/00
043 080 085	C	27 Lake Groves WWTP Expansion Lake Groves Utilities, Inc.	Mr. Jerry Salsano, P.E., Ph. 407-869-1919 Lake Groves Utilities, Inc. 200 Weathersfield Avenue Altamonte Springs, FL 32714	500	12/00
043 080 083	C	28 Homestead WWTP Phase I, II & III Homestead, Florida	Mr. Mike Shehadeh, P.E., 305-247-1801 City of Homestead 790 N. Homestead Blvd. Homestead, FL 33030-6299	1600	12/98
043 080 083	C	29 Fifth Street Lift Station Sanford, Florida	Paul Moore, Utilities Director City of Sanford P.O. Box 1778 Sanford, FL 32772-1778	85	12/92
043 080 083	C	30 Donax WWTP - Phase 2A Sanibel, Florida	Mr. John Hefty, Utilities Director, 941-472-1008 City of Sanibel 800 Dunlop Rd. Sanibel, FL 33957-4096	1,400	3/02

12. The foregoing is statement of facts

Signature: _____



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

Date:

1/14/03

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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

N/A

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) <u>1</u> Administrative	(A) <u> </u> (B) <u>2</u> Electrical Engineers	(A) <u> </u> (B) <u> </u> Oceanographers	(A) <u> </u> (B) <u>1</u> Field Supervisor
(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) <u>1</u> Instrumentation Engineer
(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) <u>2</u> 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) <u>7</u> 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: Stephen E. Bailey, P.E. President	a. Name and Title: Jay Libo-On Electrical Engineer
b. Project Assignment: Project Manager/Sr. Electrical Engineer	b. Project Assignment: Project Engineer
c. Name of Firm with which associated:  Bailey Engineering Consultants, Inc.	c. Name of Firm with which associated:  Bailey Engineering Consultants, Inc.
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>2</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, 2001	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 Engineer 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: Dan Hayward Field Supervisor	a. Name and Title:
b. Project Assignment: Field Supervisor	b. Project Assignment:
c. Name of Firm with which associated:  Bailey Engineering Consultants, Inc.	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) Pompano Lift Stations (13 Total) City of Pompano Beach, Florida	Design of electrical and control system upgrades for the rehabilitation of can type pumping stations.	Mr. William F. Flaherty, Ph. 954-786-4061 City of Pompano Beach 1201 NE 5th Avenue Pompano Beach, FL 33060	11/96	750	180
(2) Pompano Lift Stations (9 Total) City of Pompano Beach, Florida	Design of electrical and control system upgrades for the rehabilitation of can type pumping stations.	Mr. William F. Flaherty, Ph. 954-786-4061 City of Pompano Beach 1201 NE 5th Avenue Pompano Beach, FL 33060	4/00	1,500	200
(3) Pompano Pump Station No. 16 City of Pompano Beach, Florida	Design of electrical, control & HVAC upgrades for the rehabilitation of the existing wet pit/dry pit pump station.	Mr. William F. Flaherty, Ph. 954-786-4061 City of Pompano Beach 1201 NE 5th Avenue Pompano Beach, FL 33060	7/00	2,300	300
(4) Miramar PS & Ground Storage Tank Miramar, Florida	Provided the electrical design for the 3 million gallon ground storage reservoir, building, high service pumps, generator and chlorination system.	Henry E. Talton, P.E., City Engineer City of Miramar Public Works 6901 Miramar Parkway Miramar, FL 33023-6004, ph. 954-967-1663	12/01	3,500	450
(5) Lift Station No. 44 City of Coconut Creek, Florida	Designed the lift station power distribution and controls for the referenced station	Ms. Sheila S. McGann, Ph. 954-973-6730 City of Coconut Creek 4800 W. Copans Rd. Coconut Creek, FL 33063	10/02	225	45
(6) Clearwater LS#24 & #40 Rehabilitation Clearwater, Florida	Design of electrical improvements for lift station upgrades.	Mr. Kelly O'Brien, 727-562-4591 City of Clearwater P.O. Box 4748 Clearwater, FL 34618-4748	12/01	500	120
(7) Tavares Emergency Generator Addition Lift Station No. 19 Tavares, Florida	Design the emergency power system addition. The emergency generator was sized to run both pumps at the lift station.	Mr. Bernie Vaughn, Ph. 352-742-6222 City of Tavares 100 N. Disston Avenue Tavares, FL 32778	9/00	110	50
(8) Route 19 Pump Station Citrus County, Florida	Design of all electrical and control systems required for complete system operation.	Mr. Louis Badami Citrus County 3600 W. Sovereign Path Lecanto, FL 34461	8/99	200	50
(9) Riverhaven/Homasassa Lift Stations Citrus County, Florida	Design of all electrical and control systems required for complete system operation.	Mr. Louis Badami Citrus County 3600 W. Sovereign Path Lecanto, FL 34461	10/00	500	60
(10) Cape Coral MPS 200/LS #317 City of Cape Coral, Florida	Provide electrical and instrumentation design for master pump station and lift station.	Bill Gaffer/941-574-0831 City of Cape Coral P.O. Box 150027 Cape Coral, FL 33915-0027	7/97	600	250

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.

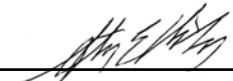
Our experience includes electrical and instrumentation system designs for numerous water and wastewater treatment plants located throughout the Southeastern United States, with the majority of our projects located in southern and central Florida. We take pride in the fact that while we are a small sized 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. The 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