



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 one registered electrical engineer, one electrical engineer, one field supervisor, one electrical designer and one designer/Cadd operator. 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:

- Donax WWTP – Phase 2A
City of Sanibel, Florida
- Eustis WWTP
City of Eustis, Florida
- Southeast Regional WWTP Expansion
Manatee County, Florida
- Venice RO Water Treatment Plant
Chlorination System Improvements
City of Venice, Florida
- Lauderhill Water Treatment Plant
City of Lauderhill, Florida
- Tamarac Stormwater Pump Stations
City of Tamarac, 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:

- Venice R.O. WTP
City of Venice, Florida
- Lauderhill Lift Stations (4 Total)
City of Lauderhill, 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
- 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 Intracoastal movable bridges, water/wastewater treatment plants, and industrial installations:

- Tavares WTP
- Eustis WWTP
- Sanibel Phase II – Sewer Improvements
- Spruce Creek WWTP
- Pompano Pump Station No. 16
- Pompano Lift Stations (9 Total)
- Pompano Lift Stations (13 Total)
- Lauderdale Lift Stations (4 Total)
- Broward Cty Regional WWTP Expansion
- Jupiter Federal Bridge
- Daytona Main Street Bridge
- St. Augustine Bridge of Lions Bridge
- Barge Canal Bridges - Cape Canaveral
- Bel Air Causeway Bridge
- 14th Street Bridge, Pompano Beach
- Lake Worth Bridge
- Hillsboro Inlet Bridge
- Southern Boulevard Bridge
- Atlantic Boulevard Bridge
- Sunrise Boulevard Bridge
- Oakland Park Boulevard Bridge
- Well Field Expansion, Sunrise
- Odor Control Facility, Margate
- Conveyor System - American Express

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 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

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:

4/08/03

4. Specify type of ownership and check below if

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)

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

7

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

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

9. Summary of Professional Services Fees

Last 5 Years (most recent year first)

(Insert index	<u>2002</u>	<u>2001</u>	<u>2000</u>	<u>1999</u>	<u>1998</u>
Direct Federal contract work, including	_____	_____	_____	_____	_____
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

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	25	11)			21)		
2)	080	57	10	12)			22)		
3)	083	57	95	13)			23)		
4)				14)			24)		
5)				15)			25)		
6)				16)			26)		
7)				17)			27)		
8)				18)			28)		
9)				19)			29)		
10)				20)			30)		

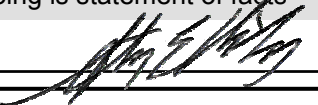
11. Project Examples, Last 5 Years					
Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
043 080 083	C	1 Donax WWTP - Phase 2A Sanibel, Florida	Mr. John Hefty, Utilities Director, 941-472-1008 City of Sanibel 800 Dunlop Rd. Sanibel, FL 33957-4096	1,400	3/02
043 080 083	C	2 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	3 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
043 080 083	C	4 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
043 080 085	C	5 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	6 Tavares WTP/SCADA System Tavares, Florida	Mr. Aaron Mercer, (352) 742-6222 City of Tavares P.O. Box 1068 Tavares, FL 32778	200	8/99
043 080 083	C	7 Clearwater Lift Station #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	8 City of South Bay - Contract B Water & Sewer Improvements South Bay, Florida	Board of Commissioners Hendry County City of South Bay 335 SW 2nd Avenue South Bay, FL 33493	450	1998
043 080 083	C	9 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	10 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	11 Lake Groves WTP/WWTP Lake Groves Utilities	Jerry M. Salsano, P.E., Utilities Engineer Lake Groves Utilities, Inc. P.O. Box 915505 Longwood, FL 32791/Ph. 407-862-9688	60	1997
043 080 083	C	12 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
043 080 083	C	13 North Port WTP Filter Rehabilitation City of North Port, Florida	Cindy B. Mick, Director of Utilities City of North Port P.O. Box 7228 North Port, Florida 34287-7228	250	2/96
043 080 083	C	14 North Port Booster Station and Ground Storage Tank City of North Port, Florida	Cindy B. Mick, Director of Utilities City of North Port P.O. Box 7228 North Port, Florida 34287-7228	200	3/96
043 080 083	C	15 Oviedo Southwest Wellfield City of Oviedo, Florida	Mr. Tom King, Ph. 407-977-6066 City of Oviedo 400 Alexandria Blvd. Oviedo, FL 32765	300	6/98
043 080 083	C	16 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	17 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	18 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	19 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	20 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
043 080 083	P	21 Winter Springs West WRF Generator Addition City of Winter Springs, Florida	Kipton Lockcuff, Utilities Director City of Winter Springs Utility/Public Wks 110 N. Flamingo Avenue Winter Springs, FL 32708/407-327-2669	420	11/96
043 080 083	P	22 Winter Springs East WRF Generator Addition City of Winter Springs, Florida	Kipton Lockcuff, Utilities Director City of Winter Springs Utility/Public Wks 110 N. Flamingo Avenue Winter Springs, FL 32708/407-327-2669	450	11/96
043 080 083	C	23 Port LaBelle WTP Improvements Hendry County, Florida	Roger Greer, Director Utilities Hendry County 50 S. Bridge Street LaBelle, FL 33935	100	1997
043 080 083	C	24 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
043 080 083	C	25 Deerfield East/West WTP City of Deerfield Beach, Florida	Anthony A. Viola, P.E./Ph. 480-4272 City of Deerfield Beach 150 NE 2nd Avenue Deerfield Beach, FL 33441	600	3/95
043 080 083	C	26 Coral Springs WTP City of Coral Springs, Florida	Robert W. Glenn, P.E. Coral Springs Public Works 9551 W. Sample Road Coral Springs, FL 33065/Ph. 344-1000	480	12/88
023 112	C	27 City of Naples WWTP and Reclamation Facility Expansion and Upgrade Naples, Florida	Dan Mercer, Utilities Director City of Naples 275-13th Street, North Naples, FL 33940	3,000	4/95
043 080 083	C	28 Citrus County SCADA System Upgrade Citrus County, Florida	Mr. Louis Badami Citrus County 3600 W. Sovereign Path Lecanto, FL 34461	50	4/00
043 080 083	C	29 Big Cypress Reservation Water Treatment Plant Improvements	Thomas G. Aitcheson, Director of Utilities Seminole Tribe of Florida 6300 Stirling Road Hollywood, FL 33024/Ph. 966-6300	600	12/98
043 080 083	C	30 Charles A. Black WTP-1 Booster Pump Station Citrus County, Florida	Mr. Louis Badami Citrus County 3600 W. Sovereign Path Lecanto, FL 34461	20	2/00

12. The foregoing is statement of facts

Signature: _____



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

Date:

4/08/03

**STANDARD
FORM (SF)**

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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) 2 Administrative	(A) <u> </u> (B) 2 Electrical Engineers	(A) <u> </u> (B) <u> </u> Oceanographers	(A) <u> </u> (B) 1 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> </u>
(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) 2 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) 7 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 Designer
b. Project Assignment: Project Manager/Sr. Electrical Engineer	b. Project Assignment: Project Designer
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>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: 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) Volusia County Southwest WRF Volusia County, Florida	Design of electrical and instrumentation systems for the WWTP expansion.	Mr. Tom Sivert, P.E., (904) 943-7027 Volusia County Utilities Services 123 W. Indiana Avenue Deland, FL 32720	6/00	4,500	400
(2) Southeast Regional WWTP Expansion Manatee County, Florida	Design of all electrical improvements associated with the upgrade of the existing WWTP.	Mr. Tim Hochuli, P.E., 941-792-8811 Manatee County Gov't, Proj. Mgmt. Dept. 4422-A 66th Street West Bradenton, FL 34210	10/01	20,000	1,800
(3) NE WWTP Expansion Clearwater, Florida	Design of all electrical improvements associated with the upgrade of the existing WWTP.	Mr. Kelly O'Brien, Proj. Engineer, 727-562-4591 City of Clearwater P.O. Box 4748 Clearwater, FL 34618-4748	12/01	10,000	1,500
(4) Lake Groves WWTP Expansion Lake Groves Utilities, Inc.	Provide electrical design for WWTP expansion.	Mr. Jerry Salsano, P.E., Ph. 407-869-1919 Lake Groves Utilities, Inc. 200 Weathersfield Avenue Altamonte Springs, FL 32714	12/00	500	190
(5) Lake Groves WTP Lake Groves Utilities, Inc.	Provide electrical design for water treatment plant expansion, including instrumentation and controls.	Mr. Jerry Salsano, P.E., Ph. 407-869-1919 Lake Groves Utilities, Inc. 200 Weatherfield Avenue Altamonte Springs, FL 32714	12/00	900	150
(6) Homestead WWTP Phase I, II & III Homestead, Florida	BEC provide design of electrical and plant wide control system.	Mr. Mike Shehadeh, P.E., 305-247-1801 City of Homestead 790 N. Homestead Blvd. Homestead, FL 33030-6299	12/98	12,000	1600
(7) Eustis WWTP Eustis, Florida	Designed SCADA system for water, wastewater & collection systems.	Mr. Erwin Gajentan, Ph. 352-357-5618 City of Eustis 901 Bates Avenue Eustis, FL 32726	4/00	6,000	1,200
(8) Donax WWTP - Phase 2A Sanibel, Florida	Design of all electrical and instrumentation upgrades for WWTP expansion.	Mr. John Hefty, Utilities Director, 941-472-1008 City of Sanibel 800 Dunlop Rd.	3/02	11,000	1,400
(9) North Port WWTP Expansion City of North Port, Florida	Provide the electrical and control system design for all components of WWTP expansion.	Cindy B. Mick, Director of Utilities City of North Port P.O. Box 7228 North Port, Florida 34287-7228	12/96	4,000	500
(10) North Port WTP Filter Rehabilitation City of North Port, Florida	Provided the design of a new PLC based filter control system.	Cindy B. Mick, Director of Utilities City of North Port P.O. Box 7228 North Port, Florida 34287-7228	2/96	800	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 field supervisor, one electrical designer, and two designer/Cadd operators. 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.

Signature: _____



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

Date:

4/08/03