

STANDARD FORM (SF)

254

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

Date:

Signature: _____

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

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