

STANDARD FORM (SF)

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Architect-Engineer and Related Services Questionnaire

1. Firm Name/Business Address:

**Electrical Design Associates, Inc.
2020 E. Robinson St.
Orlando, FL 32803**

2. Year Present Firm Established:

1998

3. Date Prepared:

12/15/2004

4. Specify type of ownership and check below if applicable

Corporation

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

1a. Submittal is for Parent Company Branch or Subsidiary Office

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) **Lillian M. Reyes, P.E., President/407-895-8300**
- 2)

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

**Orange County/FL/407-895-8300/3
Palm Beach County/FL/561-819-5556/4**

7a. Total Personnel 7

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

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

9. Summary of Professional Services Fees Received:

Last 5 Years (most recent year first)

(Insert index number)	<u> 2004 </u>	<u> 2003 </u>	<u> 2002 </u>	<u> 2001 </u>	<u> 2000 </u>
Direct Federal contract work, including overseas	<u> 4 </u>	<u> 4 </u>	<u> 4 </u>	<u> 3 </u>	<u> 2 </u>
All other domestic work	_____	_____	_____	_____	_____
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)	036	10	25	11)			21)		
2)	043	10	25	12)			22)		
3)	062	10	25	13)			23)		
4)	080	10	25	14)			24)		
5)	083	15	40	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 FDOT Stormwater Pump Stations Pembroke Park, Florida	Ms. Patricia Carney, Ph. 305-592-7275 PBS&J 2001 NW 107th Avenue Miami, FL 33172-2507	100	10/2002
083	C	2 Crane Stand Lift Station 249 Orlando, Florida	Mr. Alan Oyler, P.E., Ph. 407-246-2213 City of Orlando 5100 LB McCloud Rd. Orlando, FL 32811	2,000	12/2001
083	C	3 Park Manor WWTP Decommissioning Orange County, Florida	Mr. Larry Tunnell, Ph. 407-836-6845 Orange County Wastewater Division 8100 Presidents Drive, Suite A Orlando, FL 32809-6779	150	6/2004
083	C	4 Bonneville Lift Station Orange County, Florida	Mr. Larry Tunnell, Ph. 407-836-6845 Orange County Wastewater Division 8100 Presidents Drive, Suite A Orlando, FL 32809-6779	400	12/2003
043 080 082	C	5 Martin County Reverse Osmosis Plant Martin County, Florida	Mr. Glenn Miller, P.E., Ph. 407-845-0666 Hutcheon Engineers 4431 Embarcadero Drive West Palm Beach, FL 33407	85	June 1987
036 043	C	6 Orange County Master Pump Station Replacement/Rehabilitation Orange County, Florida	David Ammerman, P.E., Ph. 407-660-2552 Camp Dresser & McKee Inc. 2301 Maitland Center Pkwy., Suite 300 Maitland, FL 32751	18,000	2003
043 080 083	C	7 Orlando Water Conserve II Master Pump Station Improvements City of Orlando, Florida	Mr. Robert E. Cadle, P.E., Project Manager City of Orlando Project/Construction Bureau Public Works Dept., 400 S. Orange Avenue 8th FL., Orlando, FL 32801	12,000	Ongoing

043 080 083	C	8 Orange County 6 of 14 Pump Stations Orange County, Florida	Mr. Larry Tunnell, Ph. 407-836-6845 Orange County Wastewater Division 8100 Presidents Drive, Suite A Orlando, FL 32809-6779	5,000	3/02
043 080 083	C	9 Margate Lift Station Improvements City of Margate, Florida	Mr. Greg "Gus" Gustitus, Ph. 954-972-0828 City of Margate Environmental Engineering 1001 W. River Drive Margate, FL 33063	10,000	10/02
043 080 085	C	10 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
043 080 085	C	11 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	12 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	12/2001
083	C	13 Sunflower Trail Master Pump Station Orange County, Florida	Mr. Larry Tunnell, Ph. 407-836-6845 Orange County Wastewater Division 8100 Presidents Drive, Suite A Orlando, FL 32809-6779	750	12/2004
043 080 083	C	14 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	15 Tavares WTP/SCADA System Tavares, Florida	Mr. Aaron Mercer, (352) 742-6222 City of Tavares P.O. Box 1068 Tavares, FL 32778	750	8/99
043 080 083	C	16 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	17 AT&T Ojus Building - 5th Floor Renovation Phases I, II & III Miami, Florida	Mr. Timothy Sievers, Ph. 305-613-5808 AT&T 460 NE 215th Street, 5th Floor Miami, FL 33179	5,000	6/00
043 080 083	C	18 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	19 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		20 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
043 062 080 083		21 Atlantic Business Center Pompano Beach, Florida	Mr. Dick Magner, Ph. 954-974-2057 Premier Asset Management, Inc. 2100 Park Central Blvd. North, Suite 900 Pompano Beach, FL 33064	900	12/2000
043 080 083		22 Reservoir No. 1 RO WTP Clearwater, Florida	Mr. Andy Neff, P.E., Ph. 727-562-4960 City of Clearwater Public Utilities 1650 N. Arcturas Avenue, Suite C Clearwater, FL 33765	3,500	6/2003
043 080 083		23 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	600	12/2001
043 080 085		24 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	6/2001
043 062 080 083		25 War Memorial Auditorium Fort Lauderdale, Florida	Mr. Peter J. Sheridan, III, P.E., 761-5086 City of Fort Lauderdale Public Services Dept. 100 N. Andrews Avenue Fort Lauderdale, FL 33301	150	6/2000
083		26 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
		27			
		28			
		29			
		30			

12. The foregoing is statement of facts

Signature: _____

Typed Name and Title: Lillian M. Reyes, P.E., President

Date: _____

07/18/03

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



Electrical Design Associates, Inc.
2020 E. Robinson St.
Orlando, FL 32803

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

Lillian M. Reyes, P.E., President, 407-895-8300

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) (B) <u>2</u> Administrative	(A) (B) <u>1</u> Electrical Engineers	(A) (B) Oceanographers	(A) (B) <u>1</u> Instrumentation Designer
(A) (B) Architects	(A) (B) Estimators	(A) (B) Planners: Urban/Regional	(A) (B) _____
(A) (B) Chemical Engineers	(A) (B) Geologists	(A) (B) Sanitary Engineers	(A) (B) _____
(A) (B) Civil Engineers	(A) (B) Hydrologists	(A) (B) Soils Engineers	(A) (B) _____
(A) (B) Construction Inspectors	(A) (B) Interior Designers	(A) (B) Specification Writers	(A) (B) _____
(A) (B) <u>2</u> Draftsmen	(A) (B) Landscape Architects	(A) (B) Structural Engineers	(A) (B) _____
(A) (B) Ecologists	(A) (B) <u>1</u> Mechanical Engineers	(A) (B) Surveyors	(A) (B) _____
(A) (B) Economists	(A) (B) Mining Engineers	(A) (B) Transportation Engineers	(A) (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: Lillian M. Reyes, P.E. Chief Electrical Engineer	a. Name and Title: William R. Haygood, P.E. Chief Mechanical Engineer
b. Project Assignment: Chief Electrical Engineer	b. Project Assignment: Chief Mechanical Engineer
c. Name of Firm with which associated: 	c. Name of Firm with which associated: 
d. Years Experience: With this Firm <u>6</u> With Other Firms <u>7</u>	d. Years Experience: With this Firm <u>4</u> With Other Firms <u>13</u>
e. Education: Degree/Year/Specialization Bachelors of Science in Electrical Engineering, 1988 Florida Atlantic University	e. Education: Degree(s)/Year/Specialization B.S. in Mechanical Engineering University of Central Florida, 1983
f. Active Registration: Year First Registered/Discipline Florida - Electrical, 1996	f. Active Registration: Year First Registered/Discipline Florida (1988) No. 39503, Virginia (1990) No. 21068, NCEE National (1990) No. 9413, North Carolina (1996) No. 021505, South Carolina (1995) No. 17193, Georgia (1996) No. 22511, Kentucky (1996) No. 18985
g. Other Experience and Qualifications relevant to the proposed project: Ms. Reyes is an electrical engineer experienced in designing electrical power distribution, lighting, security and fire alarm systems for commercial and government buildings, manufacturing facilities, computer rooms, schools, hospitals and residential dwellings.	g. Other Experience and Qualifications relevant to the proposed project: Mr. Haygood provides various mechanical engineering services involving design and construction oversight for HVAC, fire protection, and plumbing systems. His experience is applied from the conceptual through the construction phases of a project and may include design, analysis of alternatives, shop drawing review, contractor and vendor interface, periodic site visits for field observations, change order review, and mechanical inspection, testing, and design review. He also evaluates various energy reduction improvements for facilities and prepares both maintenance and operating cost estimates.

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.

a. Name and Title:	a. Name and Title:
b. Project Assignment:	b. Project Assignment:
c. Name of Firm with which associated:	c. Name of Firm with which associated:
d. Years Experience: With this Firm _____ With Other Firms _____	d. Years Experience: With this Firm _____ With Other Firms _____
e. Education: Degree/Year/Specialization	e. Education: Degree(s)/Year/Specialization
f. Active Registration: Year First Registered/Discipline	f. Active Registration: Year First Registered/Discipline
g. Other Experience and Qualifications relevant to the proposed project:	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) Pembroke Pines 12 MGD WWTP Pembroke Pines, Florida					
(2) Crane Stand Lift Station 249 Orlando, Florida					
(3) Lake Groves WWTP Expansion Lake Groves Utilities, Inc.					
(4) Lake Groves WTP Lake Groves Utilities, Inc.					
(5) Western Park - Phase 1 City of Parkland, Florida					

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
(6) Pine Island Park Town of Davie, Florida					
(7) Margate Lift Station Improvements City of Margate, Florida					
(8) Nova Road Gymnasium Nova Road Ormond Beach, Florida					
(9) North WWTP Plant Laboratory Fort Myers, Florida					
(10) Police Station Gun Range HVAC Renovation City of Fort Lauderdale, Florida		Mr. Alan Gavazzi City of Fort Lauderdale/Public Services Dept. 100 N. Andrews Avenue, 4th Floor Fort Lauderdale, FL 33301			
EDA is completing the design of this project, which involves retrofitting an existing facility with a new HVAC system. The new HVAC system must be designed to maintain function of the adjacent areas during the construction of this renovation. All work must be coordinated with existing conditions and avoid disruptions to the building operations.					

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

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 qualifications for the proposed

Electrical Design Associates, Inc. is a small sized consulting engineering firm specializing in electrical, instrumentation, HVAC and plumbing design. We provide consulting engineering services to both the public and private sectors.

In September of 1998, Electrical Design Associates, Inc. was formed. Presently, we are in the process of establishing our firm as a minority owned business in Palm Beach, Broward and Orange Counties. Our present staff includes two registered electrical engineers, one registered mechanical engineer and one designer/Cadd technician. Our staff's experience includes municipal lighting projects and electrical and instrumentation system designs for industrial plants located throughout the Southeastern United States. Our experience also includes heating, ventilation, and air conditioning (HVAC); fire protection; and plumbing design for commercial, institutional, and industrial projects.

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 electrical distribution systems experience covers the full range up to 13KV distribution, 4,160 volt distribution systems and standby generator systems. Our instrumentation systems design experience includes SCADA and PC based systems, as well as numerous traditional plant monitoring and control panel designs. 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.

Our HVAC, fire protection, and plumbing systems experience includes life cycle analysis, value engineering, and construction administration for wastewater treatment plants, schools, hospitals, and industrial facilities, including the design of microprocessor, pneumatic, and electrical/mechanical controls and controls systems.

11. The foregoing is a statement of fact.

Signature: _____



Typed Name and Title: _____

Lillian M. Reyes, P.E., President

Date: _____

12/15/04