

# STANDARD FORM (SF) 254

Architect-Engineer  
and Related Services  
Questionnaire

1. Firm Name/Business Address:

**Electrical Design Associates, Inc.**  
**4733 West Atlantic Avenue, Suite 12-C**  
**Delray Beach, FL 33445**

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

2. Year Present Firm  
Established:

**1998**

3. Date Prepared:

**July 16, 2010**

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) **Lillian M. Reyes, P.E., President / 561-819-5556**

2)

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

7a. Total Personnel **6**

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

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

**1** Administrative

Architects

Chemical Engineers

Civil Engineers

Construction Inspectors

**1** Draftsmen

Ecologists

Economists

**2** Electrical Engineers

Estimators

Geologists

Hydrologists

Interior Designers

Landscape Architects

Mechanical Engineers

Mining Engineers

Oceanographers

Planners: Urban/Regional

Sanitary Engineers

Soils Engineers

Specification Writers

Structural Engineers

Surveyors

Transportation Engineers

**1** Instrumentation Designer

**1** Field Superintendant

9. Summary of Professional Services Fees Received:

Last 5 Years (most recent year first)

(Insert index number)

Direct Federal contract work, including overseas

All other domestic work

All other foreign work\*

20**09** 20**08** 20**07** 20**06** 20**05**

**4** **4** **5** **4** **4**

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

Ranges of Professional Services Fees  
INDEX

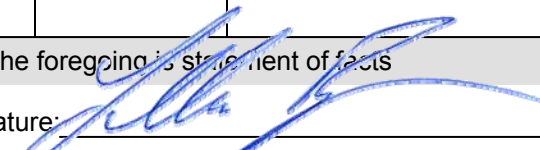
1. Less than \$100,000
2. \$100,000 to \$250,000
3. \$250,000 to \$500,000
4. \$500,000 to \$1 million
5. \$1 million to \$2 million
6. \$2 million to \$5 million
7. \$5 million to \$10 million
8. \$10 million or greater

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	20	40	11)	094	10	75	21)			
2)	043	50	75	12)	099	5	25	22)			
3)	062	50	250	13)	104	10	75	23)			
4)	080	50	75	14)	115	50	500	24)			
5)	083	100	1,200	15)				25)			
6)	023	150	75	16)				26)			
7)	052	10	125	17)				27)			
8)	054	75	500	18)				28)			
9)	062	50	125	19)				29)			
10)	088	40	300	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)
083 043 080	C	<sup>1</sup> Iron Bridge Water Reclamation Facility 13 kV Improvements City of Orlando	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	7,000	2007
083 043 080	C	<sup>2</sup> Water Conserv II Water Reclamation Facility 13 V Improvements City of Orlando	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	8,000	2012
083 043 080 036 023 094	C	<sup>3</sup> BRP Utility Site, Water and Wastewater Facility Palm Beach County, Florida	Brian Shields, P.E., Engineering Director PB County Water Utilities 8100 Forest Hill Blvd, WPB, FL 33416, 561-493-6081	9,000	2008
083 043 080 036 023 094	C	<sup>4</sup> North Region Pump Station Palm Beach County, Florida	Brian Shields, P.E., Engineering Director, 561-493-6081 PB County Water Utilities 8100 Forest Hill Blvd, WPB, FL 33416,	8,000	2009
083 043 080 036 023 094	C	<sup>5</sup> Northwest Water Reclamation Facility Upgrades Orange County, Florida	Mr. Mark Ikler, P.E., Ph. 407-254-9924 Water Reclamation Division 9150 Curry Ford Road, 3rd Floor Orlando, FL 32825	60,000	2012
036 043	C	<sup>6</sup> South Water Reclamation Facility Upgrades Orange County, Florida	Mr. Mark Ikler, P.E., Ph. 407-254-9924 Water Reclamation Division 9150 Curry Ford Road, 3rd Floor Orlando, FL 32825	50,000	2013
043 080	C	<sup>7</sup> Orlando Water Conserve II Master Pump Station Improvements City of Orlando, Florida	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	12,000	Ongoing

043 080	C	<sup>8</sup> 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	2002
083	C	<sup>9</sup> 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	2002
043 080 083 036 023 094	C	<sup>10</sup> Loxahatchee River Environmental Control District IQ Water Pump Station	Clinton R. Yerkes Ph. (561) 747-5700 Loxahatchee River District 2500 Jupiter Park Drive Jupiter, Florida 33458	425	Ongoing
043 080 083 036 023 094	C	<sup>11</sup> 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	2000
043 080 083 036 023 094	C	<sup>12</sup> 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	2001
043 080 083 036 023	C	<sup>13</sup> FDOT Stormwater Pump Stations Pembroke Park, Florida	Mr. Rod Myrick, Ph. 954-925-1724 FDOT District 4 Construction Office 3400 W. Commercial Blvd. Ft. Lauderdale, FL 33309-3421	100	2002
043 080 083 036 023 094	C	<sup>14</sup> 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	2001
043 080 083 036 023 094	C	<sup>15</sup> Tavares WTP/SCADA System Tavares, Florida	Mr. Aaron Mercer, (352) 742-6222 City of Tavares P.O. Box 1068 Tavares, FL 32778	7,500	1999
043 080 083 036 023 094	C	<sup>16</sup> 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	1998
043 083 036 023 094	C	<sup>17</sup> 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	2000
043 080 083 036 023 094	C	<sup>18</sup> 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	2002
043 080 083 023 094	C	<sup>19</sup> Eustis WWTP Eustis, Florida	Mr. Erwin Gajentan, Ph. 352-357-5618 City of Eustis 901 Bates Avenue Eustis, FL 32726	1,200	2000

043 080 083 036 023	C	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	1998
043 080 083 036 023 094	P	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	2001
043 080 083 036 023 094	P	22 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	2001
043 080 083 036 023 094	P	23 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	2001
080 083	C	24 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	2002
043 080 083 036 023 094	C	25 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	2003
043 080 083 036 023 094		26 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	2000
		27			
		28			
		29			
		30			
12. The foregoing is statement of facts				Date:	
Signature: 			Typed Name and Title: Lillian M. Reyes, P.E., President		07/16/10

# STANDARD FORM (SF)

# 255

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.**  
**4733 West Atlantic Avenue, Suite 12-C**  
**Delray Beach, FL 33445**

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

**Lillian M. Reyes, P.E., President**  
**561-819-5556**

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) <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> <del>Instrumentation Designer</del>
(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> <del>Field Superintendant</del>
(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>1</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>6</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

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.	
<p>a. Name and Title:</p> <p>Lillian M. Reyes, P.E. President</p>	<p>a. Name and Title:</p> <p>John Newton Instrumentation Designer</p>
<p>b. Project Assignment:</p> <p>Project Manager</p>	<p>b. Project Assignment:</p> <p>Project Engineer</p>
<p>c. Name of Firm with which associated:</p> <p>Electrical Design Associates, Inc.</p>	<p>c. Name of Firm with which associated:</p> <p>Electrical Design Associates, Inc.</p>
<p>d. Years Experience: With this Firm <u>12</u> With Other Firms <u>10</u></p>	<p>d. Years Experience: With this Firm <u>9</u> With Other Firms <u>23</u></p>
<p>e. Education: Degree/Year/Specialization</p> <p>Bachelors of Science Degree in Electrical Engineering, 1988 Florida Atlantic University</p>	<p>e. Education: Degree(s)/Year/Specialization</p> <p>B.S. in Electrical Engineering Newcastle Polytech, England, 1975</p>
<p>f. Active Registration: Year First Registered/Discipline</p> <p>Florida - No. 50780 - 1996</p>	<p>f. Active Registration: Year First Registered/Discipline</p> <p>N/A</p>
<p>g. Other Experience and Qualifications relevant to the proposed project:</p> <p>Ms. Reyes is a registered electrical engineer experienced in the design of electrical power distribution and instrumentation for water and wastewater facilities throughout the state of Florida. Ms. Reyes is also experienced in land development projects, roadway lighting systems, sports field lighting, security and fire alarm systems for industrial, commercial and government facilities, manufacturing facilities, computer rooms, schools, hospitals and residential dwellings. Ms. Reyes project responsibilities encompass preliminary and final design, cost estimating, and construction/start-up services. She participates on quality assurance/quality control teams to evaluate electrical systems, technical conformance to codes and adherence to a project's overall design scheme. She interfaces with other project consultants, as well as client and vendor representatives.</p>	<p>g. Other Experience and Qualifications relevant to the proposed project:</p> <p>Mr. Newton is an electrical designer with almost 30 years experience in planning, designing and installing control systems. The majority of this experience has been in the water and wastewater industries. During this time he has managed multi-million dollar projects for a water/wastewater control system supplier as well as providing consulting engineering services to those industries for over 14 years. Mr. Newton has designed plant control systems for water and wastewater treatment plants with capacities up to 200 MGD as well as SCADA systems for lift station collection facilities, water distribution pump stations, and reclaimed water systems. He has developed strategic automation plans for some of the largest utilities in the country. Such plans have covered all aspects of a utility's operation including plant automation, maintenance management, customer service, GIS and engineering. Mr. Newton is experienced in many different water and wastewater treatment processes. He has also utilized a number of different procurement strategies to ensure the optimum system is obtained while remaining within a particular utility's procurement policies.</p>

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) Iron Bridge Water Reclamation Facility City of Orlando	Engineering services associated with the evaluation of the facility standby system and preparation of direct purchase specifications.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	04/06	2,000	2,000
(2) Iron Bridge Water Reclamation Facility City of Orlando	Engineering services associated with the evaluation of the facility electrical system and preparation of direct purchase 15 V cable Specs.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	04/06	750	750
(3) Iron Bridge Water Reclamation Facility City of Orlando	Engineering services associated with the preparation of direct purchase specifications for 15 kV switchgear.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	04/06	1,000	1,000
(4) Iron Bridge Water Reclamation Facility City of Orlando	Engineering services associated with the installation design of facility 13 kV electrical system.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	04/07	2,200	2,000
(5) Water Conserv II WRF City of Orlando	Engineering services associated with the complete upgrade of the facility 13 kV distribution of normal and standby power.	Mr. Robert Rutter, P.E., City of Orlando One City Commons 400 South Orange Avenue Orlando, FL 32801, 407-246-2573	12/09	10,000	8,000



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) BRP Utility Site Palm Beach County, Florida	Electrical, Instrumentation, HVAC and Plumbing Design associated with water/wastewater pump station.	Brian Shields, P.E., Engineering Director PB County Water Utilities 8100 Forest Hill Blvd, WPB, FL 33416 561-493-6081	11/07	9,000	2,000
(7) Palm Beach County Biotech Research Park Palm Beach County, Florida	Electrical infrastructure design for 900 Acre parcel	Mike McPhearson, Capital Improvements Division, 3323 Belvedere Road, Bldg 503 WPB, FL 33406 561-233-0278	01/07	100,000	20,000
(8) North region Pump Station Palm Beach County, Florida	Electrical, Instrumentation, HVAC and Plumbing Design associated with water/wastewater pump station.	Brian Shields, P.E., Engineering Director PB County Water Utilities 8100 Forest Hill Blvd, WPB, FL 33416 561-493-6081	10/08	8,000	1,800
(9) Sunflower Pump Station Orange County, Florida	Electrical, Instrumentation, HVAC and Plumbing Design associated with wastewater pump station.	Tony Campbell, Chief Utility Inspector 9150 Curry Ford Road Orlando, FL 32825 407-254-9793	10/05	1,000	600
(10) Hypochlorite Feed System at Orange County WSF Facilities	Electrical and Instrumentation Design associated with addition of hypochlorite feed system at 14 County facilities.	Chuck Digerlando 9150 Curry Ford Road Orlando, FL 32825 407-254-9728	10/03	500	250

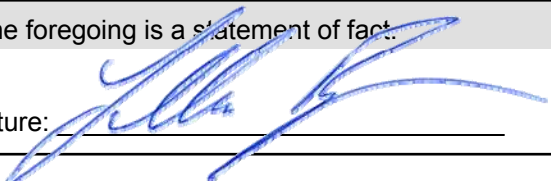
10. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

Electrical Design Associates, Inc. is a small sized consulting engineering firm specializing in electrical and instrumentation design. We provide consulting engineering services primarily to the public sector. In September of 1998, Electrical Design Associates, Inc. was formed as a minority owned business with offices in Palm County and Orange County. Our present staff includes registered engineers, an instrumentation designer, and designer/cadd technicians.

Our staff's electrical experience includes electrical and instrumentation system designs for industrial plants, specifically Water and Wastewater Treatment Facilities located throughout the state of Florida. Our electrical distribution systems experience covers the full range up to 4,160 volt distribution systems as well as 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. The firms other capabilities includes life cycle analysis, value engineering, and construction administration.

Electrical Design Associates, Inc. is staffed to provide engineering services from inception through design, bid and construction completion. 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 which allows us to provide enhanced production quality, lower operating costs and closer engineer participation.

11. The foregoing is a statement of fact.

Signature: 

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

Date:

07/16/2010