

RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply  
Proposal Number: BC-03-17-11-25  
Opening Date: Thursday, March 17, 2011 at 2:00 PM

PROPOSAL RESPONSE COVER SHEET

THIS PAGE IS TO BE COMPLETED AND INCLUDED AS THE COVER SHEET FOR YOUR RESPONSE TO THE REQUEST FOR PROPOSALS.

The Board of County Commissioners, Leon County, reserves the right to accept or reject any and/or all bids in the best interest of Leon County.

Keith M. Roberts, Purchasing Director

John Dailey, Chairman  
Leon County Board of County Commissioners

This bid response is submitted by the below named firm/individual by the undersigned authorized representative.

BY Ardaman & Associates, Inc.  
(Firm Name)  
  
(Authorized Representative)

Michael S. Wilson, PE  
(Printed or Typed Name)

ADDRESS 3175 West Tharpe Street

CITY, STATE, ZIP Tallahassee, FL 32303

TELEPHONE 850-576-6131

FAX 850-574-0735

**ADDENDA ACKNOWLEDGMENTS: (IF APPLICABLE)**

Addendum #1 dated 3/3/11 Initials  Addendum #3 dated \_\_\_\_\_ Initials \_\_\_\_\_  
Addendum #2 dated 3/8/11 Initials  Addendum #4 dated \_\_\_\_\_ Initials \_\_\_\_\_

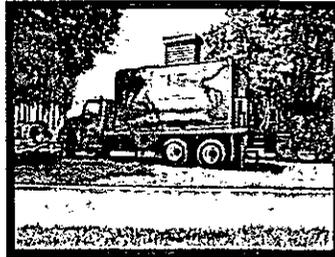
**PLEASE MARK WHICH CATEGORIES FOR WHICH YOU WISH TO BE CONSIDERED:**

- a. Stormwater Engineering
- b. Roadway Design
- c. Traffic and Intersection Engineering
- d. Structural Engineering
- e. Geotechnical Services
- f. Environmental Support Services
- g. Construction Engineering and Inspection Services
- h. Surveying
- i. Subdivision and Site Development Engineering
- j. Parks and Recreational Facility Engineering
- k. Utility Engineering



**LEON COUNTY**  
**RFP # BC-03-17-11-25**  
**CIVIL ENGINEERING SERVICES,**  
**CONTINUING SUPPLY**

**GEOTECHNICAL**  
**AND**  
**CONSTRUCTION ENGINEERING AND INSPECTION**  
**SERVICES**



**DUE: MARCH 17, 2011**

**SUBMITTED BY:**  
**ARDAMAN & ASSOCIATES, INC.**  
**3175 WEST THARPE STREET**  
**TALLAHASSEE, FL 32303**  
**PHONE: 850-576-6131**  
**FAX: 850-574-0735**

**ORIGINAL**

 **Ardaman**  
& Associates, Inc.



**Ardaman & Associates, Inc.**

Geotechnical, Environmental and  
Materials Consultants

March 16, 2011

Proposal Number: BC-03-17-11-25  
Purchasing Division  
1800-3 Blair Stone Road  
Tallahassee, FL 32308

**Subject: Leon County, Civil Engineering Services, Proposal Number BC-03-17-11-25**

Dear Selection Committee Members:

In response to your Request for Qualifications (RFQ), Ardaman & Associates, Inc. is pleased to present this response package.

Ardaman is one of the largest geotechnical engineering and testing firms in Florida with a total staff of nearly 400. Our Tallahassee office has been in continuous operation since 1967 and has provided geotechnical engineering and materials testing services to Leon County under similar contracts. Ardaman is providing qualifications for the Geotechnical Services and Construction Engineering and Inspection Services work categories, and have prepared separate qualifications for each of these two categories.

Per your request, we provide an information package that addresses the selection criteria listed in your RFP.

We acknowledge that we received addendum # 1 and addendum #2.

We appreciate the opportunity of submitting this proposal for your consideration and we look forward to continue providing professional and responsive services to the County.

Sincerely,

ARDAMAN & ASSOCIATES, INC.

Michael S. Wilson, P.E.  
Tallahassee Branch Manager

# INDEX

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## **General Information .....**

- A. Contractor Information
- B. Executive Summary
- C. Required Forms

## **Specific Proposal Information – Geotechnical Services Work Category .....**

- A. Ability Of Professional Personnel
- B. Experience With Projects Of A Similar Type And Size
- C. Willingness To Meet Schedule And Budget Requirements
- D. Effect Of Firm's Recent, Current And Projected Workload
- E. Effect Of Project Team Location
- F. Approach To The Project

## **Specific Proposal Information – Construction Engineering and Inspection Services .....**

- A. Ability Of Professional Personnel
- B. Experience With Projects Of A Similar Type And Size
- C. Willingness To Meet Schedule And Budget Requirements
- D. Effect Of Firm's Recent, Current And Projected Workload
- E. Effect Of Project Team Location
- F. Approach To The Project

## SECTION 1 – GENERAL INFORMATION

In response to your Request for Proposal, Ardaman & Associates, Inc. is pleased to present this response package which describes our capabilities in providing geotechnical engineering and construction engineering and inspection services to Leon County. Our firm has held this very contract in the past and we have extensive experience providing these services locally and elsewhere in Florida. We are prepared to again devote that experience to your projects.

### A. Contractor Information

Ardaman's local Tallahassee office will be responsible for providing service under this contract. The address and contact information is as follows:

#### Tallahassee Office

3175 West Tharpe Street

Tallahassee, Florida 32303-1133

Phone: 850-576-6131

Fax: 850-574-0735

Contact: Mike Wilson, P.E., Branch Manager

E-mail: mwilson@ardaman.com

This office has been providing engineering services in Leon County since 1967, and over the succeeding years has successfully performed on thousands of geotechnical engineering and construction materials testing projects in the Leon County area.

In addition, our headquarters is located in Orlando and it is readily available to our Tallahassee office at any given time. The address and contact information is as follows:

#### Orlando Office

8008 South Orange Avenue

Orlando, Florida 32809

Phone: 407-855-3860

Fax: 407-859-8121

## **B. Executive Summary**

### **HISTORY**

Ardaman is a professional corporation founded in 1959 by Dr. M.E. Ardaman, and the company has continually provided services in the practice of engineering. The company was founded in Orlando, but expanded to meet the needs of our client community throughout Florida. We currently serve from our corporate headquarters in Orlando, and 16 branch offices throughout Florida and Louisiana.

In 1975, after the passing of Dr. Ardaman, the core of the management group, headed by Dr. Anwar E.Z. Wissa, assumed leadership of the company. Upon Dr. Wissa's recent passing, the company is now led by Dr. Nadim F. Fuleihan. In 2002, the company merged with Tetra Tech Inc., a national infrastructure and environmental engineering company, and is a wholly owned subsidiary of that firm. Ardaman maintains the high level of integrity and technical excellence that had become synonymous with the Ardaman name. At present, Ardaman employs a staff of nearly 400 professional engineers, scientists, technicians, drilling personnel, technical assistants and support staff.

Ardaman is a technically and fiscally sound consulting firm which has experienced a steady and healthy growth throughout its history. This reasonable growth pattern has allowed us to expand services offered to our clients while maintaining top quality. We firmly believe that the growth and reputation of our company are the direct results of the individual efforts and commitment of all our employees. Our future success depends on continuing this commitment and adhering to the highest professional standards and ideals.

### **PROFESSIONAL SERVICES**

Ardaman offers a broad range of professional engineering services including:

- Geotechnical engineering
- Construction materials testing and inspection
- Building inspection
- Industrial waste engineering
- Facilities engineering, including roofing engineering

We offer these services on projects throughout the United States and internationally.

### **PROJECTS AND CLIENTS**

Ardaman has provided services on tens of thousands of projects ranging from single family residences to billion dollar industrial complexes. We work with both public and private clients including:

- Local, state and federal governments and agencies
- Public and private utilities
- Major industries and manufacturers
- Architects and engineers
- Banks and lending institutions
- Contractors
- Retail and commercial companies

We are proud of our ability to meet the demands of any project, anywhere. Through the efforts of our dedicated staff, we approach each assignment, no matter how large or small, with enthusiasm and the full resources of our company.

#### **TALLAHASSEE OFFICE**

The responsible office for this project - our Tallahassee office - has been in continuous operation since 1967. At present, we have a staff of 16, including three (3) Florida Registered Professional Engineers, Mr. Michael S. Wilson, P.E., Branch Manager, Mr. Bill Jordan, P.E., Senior Project Manager, and Steven Reecy, P.E., Senior Project Engineer, with over 80 years of combined experience.

Our Tallahassee office is located in the Tharpe Street Industrial Park, and our professional and technical personnel are prepared to provide a timely response to your project needs and deadlines. Furthermore, we can engage the specialized services of engineers from any office in the state, computer capabilities in other offices, and our state-of-the-art testing laboratory in Orlando, on short notice.

The technical staff in Tallahassee also includes local full time drillers along with field and laboratory technicians/supervisors. Our Field Services Director, Mr. Wayne Mayo is a Certified ACI concrete tester, water well driller and asphalt paving inspector with 40 years of experience with Ardaman. In addition, all of our field technicians are ACI Certified. Our inventory includes a fully equipped fleet of drill rigs along with pickup trucks equipped for construction materials testing radio-dispatched vehicles.

Our Tallahassee office is a certified materials testing laboratory, which is inspected annually by the FDOT and by the **Construction Materials Engineering Council (CMEC)**. This independent agency closely inspects our concrete testing capability and apparatus. They verify the calibration of our testing equipment and the sufficiency of our sample handling and curing facilities. They also observe our technicians as they handle and test the concrete samples to verify compliance with the appropriate American Society of Testing and Materials (ASTM), American Concrete Institute (ACI), Florida Department of Transportation (FDOT), and American Association of State Highway and Transportation Officials (AASHTO) standards and specifications. In addition, we provide internal review of our field and laboratory test equipment and results by our senior technicians.

Ardaman believes that quality cannot be achieved without careful attention to safety, especially in the area of field practices. Therefore, our engineers check our field crews' compliance with applicable FHA and FDOT Traffic Safety Standards and our personnel are required to attend biweekly safety meetings monitored by our full-time Safety Director.

In conclusion, we declare that this proposal is in all respects fair and in good faith without collusion or fraud and that the signer of this proposal, Michael S. Wilson, P.E., whose signature is included in the cover letter of this submittal, is authorized to bind the principal proponent, Ardaman & Associates, Inc.

### **C. Required Forms**

As requested in the RFP, the following forms are included in General Information of the RFP;

1. Affidavit Certification Immigration Laws
2. Equal Opportunity/Affirmative Action Statement
3. Insurance Certification Form
4. Certification Regarding Debarment, Suspension, and Other Responsibility Matters Primary Covered Transactions
5. Local Vendor Certification

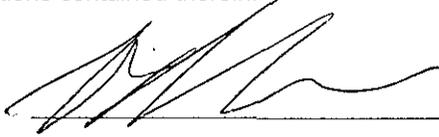


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**EQUAL OPPORTUNITY/AFFIRMATIVE ACTION STATEMENT**

1. The contractors and all subcontractors hereby agree to a commitment to the principles and practices of equal opportunity in employment and to comply with the letter and spirit of federal, state, and local laws and regulations prohibiting discrimination based on race, color, religion, national region, sex, age, handicap, marital status, and political affiliation or belief.
2. The contractor agrees to comply with Executive Order 11246, as amended, and to comply with specific affirmative action obligations contained therein.

Signed:



Title:

Vice President

Firm:

Ardaman & Associates, Inc.

INSURANCE CERTIFICATION FORM

To indicate that Bidder/Respondent understands and is able to comply with the required insurance, as stated in the bid/RFP document, Bidder/Respondent shall submit this completed Insurance Certification Form, signed by the company Risk Manager or authorized manager with risk authority.

A. Is/are the insurer(s) to be used for all required insurance (except Workers' Compensation) listed by Best with a rating of no less than A:VII?

YES  NO

Commercial General Liability:

Indicate Best Rating:

A

Indicate Best Financial Classification:

XV

Business Auto:

Indicate Best Rating:

A

Indicate Best Financial Classification:

XV

1. Is the insurer to be used for Workers' Compensation insurance listed by Best with a rating of no less than A:VII?

YES  NO

Indicate Best Rating:

A

Indicate Best Financial Classification:

XV

If answer is NO, provide name and address of insurer:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Is the Respondent able to obtain insurance in the following limits (next page) for this professional services agreement?

YES  NO

Insurance will be placed with Florida admitted insurers unless otherwise accepted by Leon County. Insurers will have A.M. Best ratings of no less than A:VII unless otherwise accepted by Leon County.

*Except: Professional Liability coverage is placed with Chartis Specialty Insurance Co. (non-admitted) but approved in Florida.*  
Required Coverage and Limits

The required types and limits of coverage for this bid/request for proposals are contained within the solicitation package. Be sure to carefully review and ascertain that bidder/proposer either has coverage or will place coverage at these or higher levels.

Required Policy Endorsements and Documentation

Certificate of Insurance will be provided evidencing placement of each insurance policy responding to requirements of the contract.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

Endorsements to insurance policies will be provided as follows:

Additional insured (Leon County, Florida, its Officers, employees and volunteers) -  
General Liability & Automobile Liability

Primary and not contributing coverage-  
General Liability & Automobile Liability

Waiver of Subrogation (Leon County, Florida, its officers, employees and volunteers)- General  
Liability, Automobile Liability, Workers' Compensation and Employer's Liability

Thirty days advance written notice of cancellation to County - General Liability,  
Automobile Liability, Worker's Compensation & Employer's Liability.

Professional Liability Policy Declaration sheet as well as claims procedures for each applicable policy to be provided

Please mark the appropriate box:

Coverage is in place  Coverage will be placed, without exception

The undersigned declares under penalty of perjury that all of the above insurer information is true and correct.

Name Ann Whisenhunt  
Typed or Printed

Date 3/15/2011

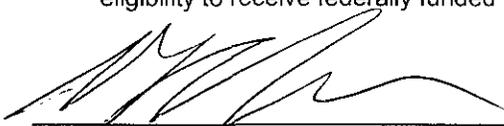
Signature 

Insurance Representative for Ardaman & Associates, Inc.  
Title Aon Risk Insurance Services West, Inc  
(Company Risk Manager or Manager with Risk Authority)

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**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,  
And OTHER RESPONSIBILITY MATTERS  
PRIMARY COVERED TRANSACTIONS**

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
  - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - b) Have not within a three-year period preceding this been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of these offenses enumerated in paragraph (1)(b) of this certification; and
  - d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.
3. No subcontract will be issued for this project to any party which is debarred or suspended from eligibility to receive federally funded contracts.

  
\_\_\_\_\_  
Signature

Vice President  
\_\_\_\_\_  
Title

Ardaman & Associates, Inc.  
\_\_\_\_\_  
Contractor/Firm

8008 S. Orange Ave., Orlando, FL 32809  
\_\_\_\_\_  
Address

**LOCAL VENDOR CERTIFICATION**

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a) Has had a fixed office or distribution point located in and having a street address within Leon, Gadsden, Wakulla, or Jefferson County for at least six (6) months immediately prior to the issuance of the request for competitive bids or request for proposals by the County; and
- b) Holds any business license required by Leon County (or one of the other local counties), and, if applicable, the City of Tallahassee; and
- c) Is the principal offeror who is a single offeror; a business which is the prime contractor and not a subcontractor; or a partner or joint venturer submitting an offer in conjunction with other businesses.

Please complete the following in support of the self-certification and submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name: Ardaman & Associates, Inc.	
Current Local Address: 3175 West Tarpe Street Tallahassee, FL 32303	Phone: 850-576-6131  Fax: 850-574-0735
If the above address has been for less than six months, please provide the prior address.	
Length of time at this address:	
Home Office Address: 8008 S. Orange Ave. Orlando, FL 32809	Phone: 407-855-3860  Fax: 407-859-8121

*[Signature]*  
Signature of Authorized Representative

March 15, 2011  
Date

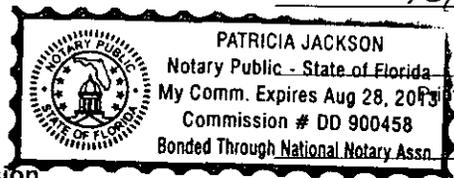
STATE OF Florida  
COUNTY OF Orange

The foregoing instrument was acknowledged before me this 15th day of March, 2011.

By Mark L. Morgan, PE, Vice Pres. of Ardaman & Associates, Inc.  
(Name of officer or agent, title of officer or agent) (Name of corporation acknowledging)

a Florida corporation, on behalf of the corporation. He/she is personally known to me  
(State or place of incorporation)

or has produced \_\_\_\_\_ as identification.  
(type of identification) *Patricia Jackson*  
Signature of Notary



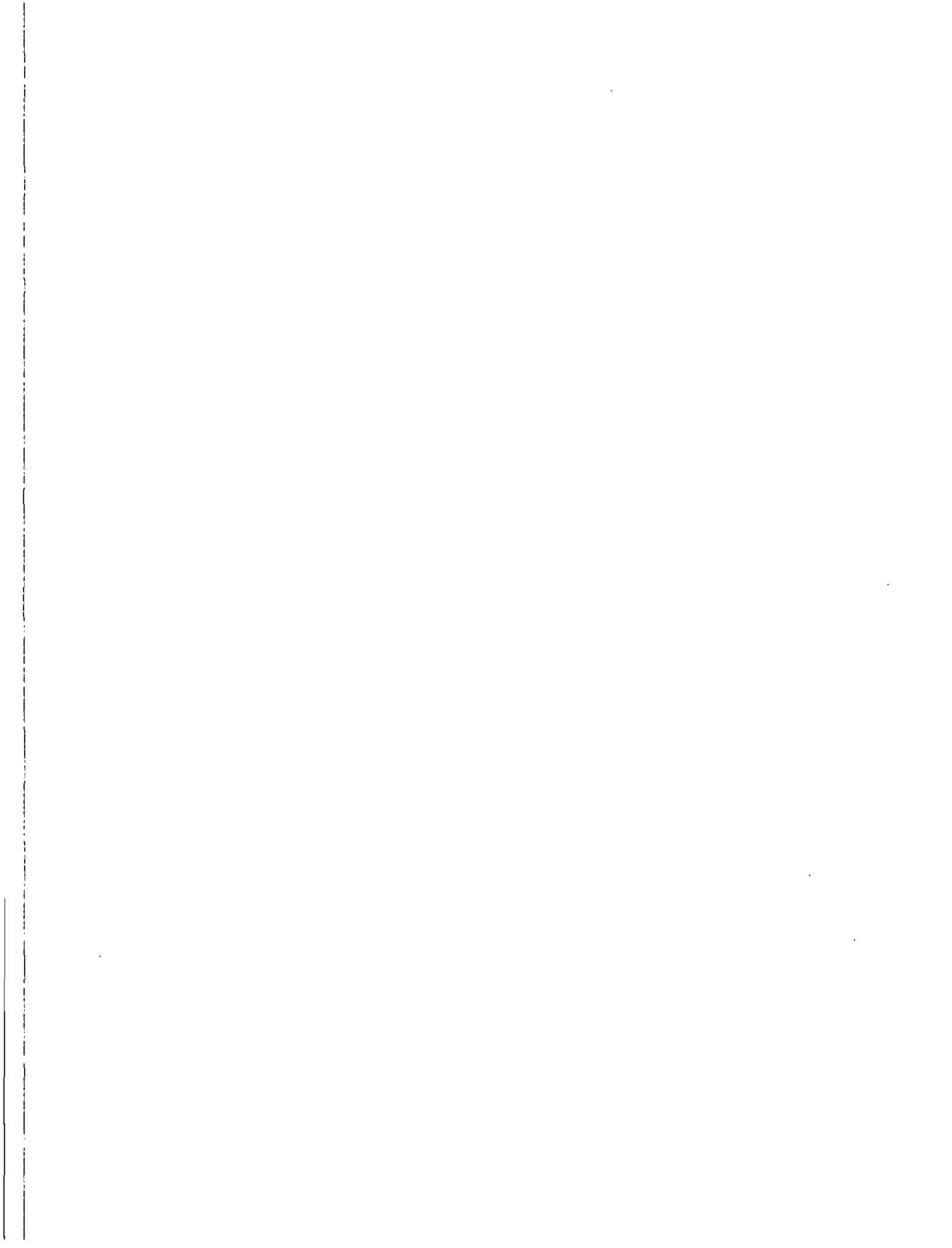
Return Completed form with supporting documents to:

Leon County Purchasing Division  
1800-3 Blair Stone Road  
Tallahassee, Florida 32308

\_\_\_\_\_  
Type or Stamp Name of Notary

\_\_\_\_\_  
Title or Rank

DD 900458  
Serial Number, If Any



## SECTION 2 – SPECIFIC PROPOSAL INFORMATION FOR GEOTECHNICAL SERVICES

### A. Ability of Professional Personnel

Man loading for Leon County will be tailored to meet project needs. We anticipate that the project will be staffed exclusively with Tallahassee office personnel, which is located in the Tharpe Street Industrial Park, allowing us to provide a timely response to your project needs and deadlines. Furthermore, Ardaman is one of Florida's largest geotechnical engineering firms and therefore we have the flexibility and capability to provide staff as needed for virtually any size project.

The key staff members proposed for your projects are listed below. Our current and proposed workload is such that this staff will be made available to the County whenever needed. Note that each of the individuals noted below have served in the manner proposed herein in prior Leon County contracts and we have all become keenly aware of the procedures and needs of the County in the services we provide.

**Michael S. Wilson, P.E.**, is Ardaman's Branch Manager/Project Manager/Senior Engineer in Tallahassee. He has over 26 years of experience (19 with Ardaman) in the field of geotechnical engineering. From 2000 to 2005, he managed Ardaman's contract for the County. Mr. Wilson has extensive experience in a broad range of geotechnical engineering from soil structure interaction to hydrogeologic and geoenvironmental evaluations. In addition, Mr. Wilson has extensive experience in construction materials testing and design, such as with the open graded mix Leon County uses for paving low volume rural roads.

**Bill Jordan, P.E.**, serves as a Senior Project Manager in Tallahassee. He has over 34 years of experience (30 with Ardaman) in the field of construction materials testing, geotechnical engineering and geoenvironmental sciences. He has in the past served as Project Manager and Senior Engineer for the Leon County contract. Mr. Jordan has extensive experience in all aspects of geotechnical engineering. Mr. Jordan has historically been an expert other consultants and agencies have retained for geotechnical design of complex projects, such as the Leon County Courthouse. In addition, Mr. Jordan has been the lead geotechnical consultant on many of the mid/high-rise projects in downtown Tallahassee. He has also consulted on many projects across the county and state on various geotechnical and geoenvironmental issues.

**Steven W. Reecy, P.E.**, serves as a Senior Project Engineer in Ardaman in Tallahassee, and is responsible for geoenvironmental engineering. He is also a project manager for geotechnical engineering projects. Mr. Reecy has 19 years of geotechnical and geoenvironmental engineering experience. He is a former regulator for the State of Florida, and has worked with a myriad of soil/groundwater assessment and cleanup projects. Mr. Reecy assisted Leon County in Environmental Assessment including underground storage tank and asbestos remediation.

**Jeremy Clark, E.I.** is a Staff Engineer in the Tallahassee office. Mr. Clark has a master's degree in civil (geotechnical) engineering from Florida State University. He is responsible for stratifying soil samples, drafting soil boring profiles, directing laboratory testing, and assisting senior level engineering by performing engineering analyses and drafting technical reports.

**Filbert Smith** is Ardaman's Senior Drill Crew Chief in Tallahassee. He has over 40 years experience with Ardaman and has performed thousands of subsurface soil exploration projects throughout the state of Florida and specifically on many County projects. He has a wealth of knowledge and experience in the local soil characteristics and foundation conditions throughout Leon County and has the experience to explore soil conditions in difficult condition. Mr. Smith is a crucial element to effectively conducting drilling services and will serve as drilling supervisor under this contract.

Resumes of the key staff are included in this section, and they include information regarding the qualifications of our staff members and their project experience.

**B. Experience with Projects of Similar Type and Size**

Ardaman held a similar continuing contract with Leon County from 2000 to 2005, and therefore we are very familiar with the requirements needed under this contract. Ardaman is generally considered a consultant to public entities in Florida, and we have a great deal of experience working under continuing contracts with public sector clients. For your review, we have attached behind this section a list of continuing contracts similar to Leon County which Ardaman currently holds. Our dedication to working with and serving these important clients is evident by their renewal of our contracts over the past years.

In addition to these continuing contracts, we also list below, 10 projects which best illustrate Ardaman's geotechnical engineering experience of our firm and current staff in the past five years.

1. Name: Leon County Public Works  
 Location: Raymond Tucker Road  
 Firm's Responsibility: Subsurface Soil Exploration and Geotechnical Engineering Evaluation for Culvert Crossings for Raymond Tucker Road Drainage Project  
 Owner's Representative: Mr. Chris Muehleemann, P.E./Corey Gunter  
 Address & Phone Number: 2280 Miccosukee Road  
 Tallahassee, Florida 32308  
 (850) 606-1536  
 Date of Completion: Ongoing  
 Key Personnel & Role: Michael Wilson, P.E., Senior Project Manager
  
2. Name: Leon County Public Works  
 Location: Calhoun Street Pavement Evaluation  
 Firm's Responsibility: Pavement Evaluation for Calhoun Street Between Thomasville Road and Gaines Street  
 Owner's Representative: Mr. Chris Muehleemann, P.E./+Corey Gunter  
 Address & Phone Number: 2280 Miccosukee Road  
 Tallahassee, Florida 32308  
 (850) 606-1536  
 Date of Completion: January 12, 2011  
 Key Personnel & Role: Michael Wilson, P.E., Project Manager

3. Name: Leon County School Board  
 Location: Griffin Middle School  
 Firm's Responsibility: Geotechnical Engineering Evaluation for a Proposed Two-Story Building Addition at Griffin Middle School and Construction Materials Testing Services  
 Owner's Representative: Mr. Russ Waters  
 Address & Phone Number: 3420 West Tharpe Street  
 Tallahassee, Florida 32303  
 (850) 617-5911  
 Date of Completion: April 23, 2010 – CMT Ongoing  
 Key Personnel & Role: William Jordan, P.E., Senior Project Manager
4. Name: Leon County School Board  
 Location: Chiles High School  
 Firm's Responsibility: Geotechnical Engineering and Construction Materials Testing for Alternate Access Drive  
 Owner's Representative: Ms. Allison Garber  
 Address & Phone Number: 3420 West Tharpe Street  
 Tallahassee, Florida 32303  
 (850) 617-5911  
 Date of Completion: June 25, 2010  
 Key Personnel & Role: William S. Jordan, P.E., Senior Project Manager
5. Name: Blue Print 2000  
 Location: Capital Circle S.E. – Woodville Highway to Crawfordville Road  
 Firm's Responsibility: Roadway Soil Survey for 4-Laning  
 Owner's Representative: Mr. Brian Lemeaux – Greenhorne & O'Mara  
 Address & Phone Number: 1277 Cedar Center Drive  
 Tallahassee, Florida 32301  
 (850) 385-1445  
 Date of Completion: Ongoing  
 Key Personnel & Role: William S. Jordan, P.E., Senior Project Manager  
 Michael Wilson, P.E., Senior Engineer
6. Name: City of Tallahassee  
 Location: Jackson Bluff Dam  
 Firm's Responsibility: Subsurface Soil Exploration and Geotechnical Engineering Evaluation and Construction Materials Testing  
 Owner's Representative: Mr. Karl Bauer  
 Address & Phone Number: 2602 Jackson Bluff Road  
 Tallahassee, Florida 32304  
 (850) 891-5023  
 Date of Completion: Ongoing  
 Key Personnel & Role: Michael Wilson, P.E., Senior Engineer

7. Name: Leon County Public Works  
 Location: Roadway Soil Survey – Meridian Road to Doctors Drive  
 Firm's Responsibility: Asphalt Coring and Subsurface Soil Exploration for Miccosukee Road, Phases 2 Through 5  
 Owner's Representative: Mr. Chris Muehlemann  
 Address & Phone Number: 2280 Miccosukee Road  
 Tallahassee, Florida 32308  
 (850) 606-1536  
 Date of Completion: July 26, 2010  
 Key Personnel & Role: William Jordan, P.E., Senior Project Manager  
 Michael S. Wilson, P.E., Senior Engineer
8. Name: Leon County Public Works  
 Location: Stormwater Pond at Stoneler Road Park  
 Firm's Responsibility: Subsurface Soil Exploration and Geotechnical Engineering Evaluation for the Stormwater Pond at Stoneler Road Park on Stoneler Road  
 Owner's Representative: Mr. George Su, P.E.  
 Address & Phone Number: 2280 Miccosukee Road  
 Tallahassee, Florida 32308  
 (850) 606-1500  
 Date of Completion: April 21, 2010  
 Key Personnel & Role: Michael S. Wilson, P.E., Senior Engineer
9. Name: City of Tallahassee  
 Location: Weems Road  
 Firm's Responsibility: Subsurface Soil Exploration and Geotechnical Engineering Evaluation for Roadway Improvements  
 Owner's Representative: Ms. Teresa Tadros  
 Address & Phone Number: 300 South Adams Street, Box A-18  
 Tallahassee, Florida 32301  
 (850) 891-8471  
 Date of Completion: September 3, 2009  
 Key Personnel & Role: Michael S. Wilson, P.E., Senior Engineer
10. Name: Leon County Public Works  
 Location: Old Bainbridge Road and Fred George Road  
 Firm's Responsibility: Pavement Condition Survey and Evaluation for Huntington Estates Subdivision  
 Owner's Representative: Mr. George Su, P.E.  
 Address & Phone Number: 2280 Miccosukee Road  
 Tallahassee, Florida 32308  
 (850) 606-1544  
 Date of Completion: October 6, 2008  
 Key Personnel & Role: Michael Wilson, P.E., Senior Engineer

### C. Willingness to Meet Schedule and Budget Requirements

Ardaman is committed to meeting both schedule and budget requirements for this contract. Our administrative system allows weekly project personnel updates that are available to our Project Managers at any time. Therefore, our Project Managers can track project costs closely and notify the County immediately if the scope or magnitude of services differs from those outlined in our initial proposal. All employees complete weekly time sheets that are entered, along with other cost items, into an enterprise wide, Oracle based cost-accounting system. The project cost accounting is used to prepare all invoices and provides auditable staff/cost data. Because all invoicing is prepared locally by the project team and invoices are checked, verified and sent from the local office, accuracy is ensured.

Ardaman's main point of contact, Mr. Mike Wilson, P.E., will be responsible for assuring that all County projects under this contract are completed within schedule and budget. Ardaman will meet or exceed any response time and test turnaround time set forth by the County. Below is our estimated response time/turnaround times for typical assignments.

- Drill Crew on Site
  - Normal Response: within 5 days of notification to proceed
  - Emergency Response: within 24 hours of notification to proceed
  
- Final Report
  - Normal Response: 3 weeks (authorization to completion)
  - Emergency Response: 1 week (expedited)

### D. Effect of Firms Recent, Current and Projected Workload

The downturn in the economy over the past few years has presented challenges to every company working in the engineering field. Workloads here shrunk for most firms, and Ardaman is no exception. However, unlike most other companies, we have managed to keep our talented staff intact and have not discharged any of our key local professional staff members. Therefore, we currently have excess local capacity that we will be able to apply to the City's needs. In short, our current and projected workloads are below capacity and our current ability to perform will benefit the City Staff.

Ardaman & Associates, Inc. is a major supplier of geotechnical services in Florida. We, therefore, maintain a staff and physical plant capable of meeting the needs of many projects simultaneously. We work successfully with many public entities on existing contracts and can easily continue to provide services to the County.

Also, we have no other major contracts beginning that will conflict with our ability to serve you. Therefore, we will be readily available to meet your workload requirements. Our professional staff as well as our support personnel and mechanical equipment will be at the disposal of the County.

Geotechnical engineering and materials testing work generally consists of conducting numerous short-term assignments. We rarely have long-term projects at differing stages of completion. The nature of the services we provide leads to literally hundreds of active assignments at any point in time.

## E. Effect of Project Team Location

As mentioned previously, Ardaman & Associates, Inc. has maintained a full service geotechnical engineering office in Tallahassee since 1967. The location and continued presence of this office and its experienced staff will provide several advantages to the County under this contract.

- The proximity of the office to all projects in Leon County will allow quick and economical response to any site.
- Since the office is in Tallahassee, our staff will be able to meet personally with the County staff whenever appropriate and at short notice.
- Our senior staff members have worked for decades in Leon County, and they are knowledgeable of the subsurface conditions, the foundation conventions and construction procedures. Our local staff will assure that we will require no learning curve for this contract.
- Our local staff is well known by the local design, construction and regulatory communities. Our engineers have significant credibility which will allow them to more effectively advocate for the County projects.

## F. Approach to the Project

### SAMPLE PROJECT: GEOTECHNICAL INVESTIGATION FOR A NEW SAFETY BUILDING

In this section, we describe our approach to a typical project anticipated under this contract. Rather than speaking in generalities, we believe that our approach can best be described using a real-life example. Although the contract can be used for geotechnical engineering on a wide variety of projects, we have identified a project type common for this type of contract.

Project Understanding: The project entails constructing a new building on a site currently owned by the County. The purpose of the geotechnical investigation is to provide the civil and structural engineering designers with sufficient knowledge of subsurface conditions to consider the effects of these conditions on the proposed facilities. We will interact with the designers and County staff to complete the project.

Project Approach: The primary components of the investigation are client communication, field investigation, laboratory testing, engineering analysis and reporting of results. At the onset of the project, our Project/Task Manager will meet with the County's Project Manager to discuss the project and agree upon a scope, fee estimate and schedule. We will not begin our work until both Ardaman and the County clearly understand the nature of the work and the anticipated results. The field investigation for the facility will consist of standard penetration test borings (SPTs) beneath the building and auger borings within the proposed retention area and under proposed paved areas. We will also conduct a field permeability test at one of the borings in the retention pond. If soft soils are encountered beneath the structures, we will obtain undisturbed samples.

Samples from the borings will be returned to the laboratory, where they will be classified and tested. Typical tests will evaluate soil type, organic content, strength, compressibility and permeability. The engineer(s) assigned to the project will evaluate boring logs and test results and determine the capability of the soils for supporting the proposed facilities. They will calculate the bearing capacity

of the soils beneath the structure foundations, evaluate settlement of said structures and make recommendations for subgrade preparation. They will evaluate soil and groundwater conditions throughout the site and prepare a wet-season groundwater level estimate for use in designing the retention pond and pavement areas. They will also recommend a design pavement section. We will issue interim reports as needed to satisfy the design schedule, and the design report will be issued after the contents are fully discussed with the County and the designers. If requested, we will review the project plans and specifications to assess consistency with our recommendations.

*Innovative Ideas/Cost and Time Savings:* Ardaman will apply a number of specialized skills to the investigation that will save time and cost. If appropriate, we will employ state-of-the-art field devices, such as piezocones and flat plate dilatometers, that produce highly accurate soil data, allowing for much less conservative (and less costly) design. Our state-of-the-art geotechnical laboratory, the finest in Florida, allows us to conduct any test in-house, thus saving time and money.

**ARDAMAN & ASSOCIATES, INC., TALLAHASSEE**

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**EDUCATION:**

B.S. Mathematics & Physical Science, Troy State University, 1981  
B.S. Civil Engineering, Auburn University, 1984  
M.S. Civil Engineering (Geotechnical), Auburn University, 1985

**REGISTRATION:**

Professional Engineer, Florida, No. 46088  
Professional Engineer, Georgia, No. 16722  
Professional Engineer, Alabama, No. 24013

**DUTIES:**

Mr. Wilson is responsible for branch operations, project planning, proposals, coordination and engineering analysis and technical reports for the past 19 years with Ardaman. Also manages engineering projects including supervision of field exploration, analyses of foundation alternatives and presentation of geotechnical recommendations and technical reports.

**SUMMARY OF CAPABILITIES:**

- Shallow Foundation design
- Deep Foundation design (Piles and Drilled Shafts) and analysis (PDA and CAPWAP analysis)
- Site preparation evaluations
- Roadway and Pavement (flexible and rigid) design
- Evaluating problematic soil conditions and providing recommendations for soil improvement techniques
- Sinkhole evaluations
- Construction materials testing and inspection
- Earth Retaining Structures design (CIP, Proprietary, Sheet pile, Soldier Pile Walls)
- Slope Stability analysis and Reinforced Earth Slope design
- Hydraulic Engineering (designing and evaluating stormwater retention ponds)
- Environmental Engineering (Environmental Site Assessment and remediation of contaminated sites)
- Liner system design and evaluation (landfills, lagoons, slurry walls)
- Dam and Levee design

**EXPERIENCE:**

Mr. Wilson has 26 years of experience in geotechnical and construction materials engineering. He has worked on a broad range of projects in the Southeastern United States. A few representative projects are briefly described.

- **I-10 Escambia Bay Bridge Replacement, Pensacola, Florida**  
Initiated proposal and professional geotechnical services on this large project to replace the bridge severely damaged by Hurricane Ivan. Services including, geotechnical exploration with up to 5 barge mounded drill rigs, evaluations of various pile foundation alternatives and currently driving test piles on-site.
- **Blairstone Road and Bridge Construction Tallahassee, Florida**  
Along with normal construction materials testing, we provided vibrations consulting to address construction induced vibrations at nearby residences and an eye clinic. These services required both technical expertise and expert witness testimony.

- **Tartary Drive Drainage Improvements Tallahassee, Florida**  
Along with typical construction materials testing, provided consulting regarding damage to pipe during compaction efforts.
- **Welaunee Road Sinkhole, Tallahassee, Florida**  
Provided consulting engineering on evaluation and remediation of a relatively large sinkhole that opened during a roadway soil survey for the proposed road.
- **Lake Bradford Road Regional Stormwater Facility, Tallahassee, Florida**  
Provided consulting engineering to remediate over a dozen sinkholes which opened in this SWMF shortly after placed in operation.
- **SR 61 & SR 369 Improvements (Crawfordville Road), Hatch Mott McDonald, Florida Department of Transportation, Leon County, Florida**  
Mike performed subsurface exploration and provided design recommendations for new roadway widening (four-laning) bridge construction and associated ponds. Roadway and bridge construction is planned over karst features.
- **Adams Street, City of Tallahassee, Tallahassee, Florida**  
Mike performed an evaluation of the existing distressed rigid pavement and provided recommendations for various methods of pavement reconstruction including appropriate subsurface drainage.
- **Southwood Development Streets, Post, Buckley, Schuh & Jernigan, Inc., Tallahassee, Florida**  
Mike continued the exploration for new streets in the Southwood development which spans the line between sands of the recent coastal plains deposits and the comparatively older and more clayey Tallahassee Hills deposits.
- **Various City Streets, City of Orlando, Florida**  
Mike performed an assessment of the pavement rejuvenation program. He designed a field laboratory testing program to test the effectiveness of the product used and to optimize the return.
- **Brevard County Schools:**  
Construction Quality Control Monitoring: Eau Gallie, Merritt Island and Satellite High School Auditorium Additions and Fairglen and Holland Elementary School Renovations.  
  
Geotechnical Engineering and Construction Quality Control Monitoring: Various Additions and renovations to Cocoa, Melbourne and Titusville High Schools and new schools Central Jr. High, Port St. John Jr. High, Meadowlane Elementary and Enterprise Elementary.

**EDUCATION:**

Master of Science, Civil Engineering (Specializing in Geotechnical Engineering), MIT, Cambridge, Massachusetts, February, 1980.

Bachelor of Science, Civil Engineering, Northeastern University, Boston, Massachusetts, June 1974.

**REGISTRATION:**

Registered Professional Engineer, Florida Reg. No. 33026

**EXPERIENCE:**

**General**

Mr. Jordan has 34 years experience, 30 years with Ardaman, in subsurface explorations and design recommendations for structure foundations, earth dams, ponds, and roadways, including: Shallow Foundations, Deep Foundations, Retaining Walls, Stormwater Ponds, Wastewater Ponds and Sprayfields, Industrial Ponds, Landfills, Pipelines, Streets and Highways, Earth Dams. Specialties in Sinkholes and Expansive Soils. Experience also includes Expert Witness, Geotechnical Forensics, and Soil Remediations.

**Shallow and Deep Foundations:** Spread Footings, Mats, Driven Piles, Auger-Cast Piles, and Caissons (Drilled Shafts) for residences, commercial buildings, shopping centers, high-rise buildings, sports facilities, hotels, parking garages, airports, municipal and state buildings, bridges (private, municipal, State, and Interstate), and Industrial facilities (chemical or processing plants, and fossil fuel and nuclear power plants).

**Retaining Walls:** Low level gravity and cantilever walls for parking areas, roadways, and Industrial plants. MSE (Mechanically Stabilized Earth) walls for streets, highways, and other paving areas. Tied back (anchored) walls for deep excavations (to 50 feet).

**Ponds:** Projects range from stormwater ponds (exfiltration/percolation) for commercial developments, residential developments and State Highways to industrial ponds for storage, cooling, or treatment of process liquids and solids.

**Wastewater Ponds and Sprayfields:** Geotechnical/geohydrological aspects of wastewater disposal on Land Application Sites (LAS). Evaluated percolation ponds and spray Irrigation facilities for private, municipal, and state projects (prisons and interstate rest areas), including Groundwater Monitoring Plans.

**Streets and Highways:** Soil explorations and pavement section design recommendations for private roads, municipal Streets, and State Highways, including delineation of poor soils, and construction testing.

**Earth Dams:** Dozens of earth dam designs, including evaluation of foundation soils, underseepage, required "keying", zoning, dam borrow, compaction requirements, slopes/stability, seepage, spillways, instrumentation, and construction testing and inspections. Also has evaluated numerous existing dams for functionality and stability.

**Sinkholes and Forensics:** Consulting to Insurance Companies, performed subsurface explorations for over 60 "Sinkhole" claims, providing professional opinions. When requested, designed, directed, and/or inspected remedial measures. Also designed remediation of sinkholes in municipal streets, State prisons, Industrial facilities, and holding ponds. Numerous consulting projects dealing with "expansive" soils related foundation problems.

**Expert Witness:** Cases include testing of soil and concrete, stormwater pond malfunctions, settlement of structures and foundation deficiencies, soil drainage, Sanitary Landfill stability, and sinkholes.

**EDUCATION:**

B.S. Civil Engineering, Florida State University, 1992  
M.B.A., Business Administration, Florida State University, 2000

**REGISTRATION:**

Professional Engineer, Florida No.52071

**EXPERIENCE:**

Mr. Reecy has 19 years of geotechnical and geo-environmental engineering experience, 8 years with Ardaman. He is a former regulator for the State of Florida and has worked with a myriad of soil/groundwater assessments and cleanup projects. The project size and dollar fee Mr. Reecy has been responsible for ranges from a 600 square foot house to multi-lane highways and government structures. A few representative projects are briefly described below:

- **Pilot Test and Remedial Action Plan Design, First Baptist Church, Plant City, Hillsborough.**  
Planned and supervised a Dual Phase Extraction Pilot Test for the cleanup of a petroleum contaminated site in Plant City, Florida. Based upon the results of this study, available site assessment data and a comparison of alternatives generated a Remedial Action Plan (RAP) for the site cleanup. The RAP involved designing a trailer mounted system with an appropriately sized liquid ring pump and a small air stripper. The system was designed to extract petroleum contaminated vapors from a contaminated site through multiple extraction points by rotating extraction effort using solenoid valves set to a timer circuit. The well points and system was designed to be adjusted throughout the life of the cleanup and contaminant concentrations decreased. The design was cost competitive because the system can be sold after cleanup is completed and utilized at other sites for a significant recovery of capital costs.
- **Geotechnical Study, Florida State University Psychology Building, Tallahassee, Florida**  
Coordinated soil classification, laboratory analysis, and report generation for the subsurface investigation of a proposed multi-level building. This task required visual classification of soils, selection of soils for laboratory analysis, delegation of computer aided drafting of results and report generation. Steve utilized the soil laboratory results in conjunction with the visual classification to estimate the degree of settlement of a building to recommend a suitable foundation.
- **Pilot Test and Remedial Action Plan Design, Eckerd Inverness, Inverness, Citrus County, Florida**  
Planned and supervised a Dual Phase Extraction Pilot Test for the cleanup of a petroleum contaminated site in Inverness, Florida. The plume was located in a deep aquifer and was highly concentrated, eliminating alternatives. Due to extreme budgetary constraints created by a cap on funding, a RAP was developed which incorporated a flexible system that could be used for dual phase extraction and/or pump and treat technology and adjusted for optimal performance as cleanup progressed. The contaminants were piped to a compound in an unobtrusive location at a high traffic retail establishment and air stripped in a sound-deadening prefabricated equipment building in compliance with strict local ordinances. Discharge was sent to an infiltration gallery incorporated into a limited green area.
- **Hydrogeological Evaluation for Sewage Treatment Rapid Infiltration Ponds, Franklin County, Florida**  
Coordinated soil classification, field permeability testing, laboratory permeability testing, laboratory soil analysis, pond design, and report generation for the effluent of a sewage treatment plant designed to serve 500 residences in Franklin County, Florida. This task required visual classification of soils, selection of soils for laboratory analysis, analysis of data, delegation of computer aided drafting and report generation. The project required the collection of Shelby tube samples for lab analysis of

permeability and conducting field permeability testing. This data was compared to the region's annual rainfall, runoff, and evaporation rate to determine the degree of infiltration. Computer modeling of the infiltration rate based on the Hantush equation was used to recommend the size of the basins, loading schedule, and monitor well locations.

- **Contract Manager and Technical Support for the Florida Department of Environmental Protection**  
Reviewed, approved, and suggested modifications on hundreds of petroleum cleanup sites during a 7-year tenure as a contract manager and engineer with the Florida FDEP. System designs incorporated site specific constraints such as geology, depth to water, budget, contaminant plume size, plume concentration, and cleanup design technical merit. Provided technical oversight and supervision to other environmental professionals in three different sections during this tenure. Also worked as a contract manager on the more complex projects, such as commingled petroleum and drycleaner solvent plumes. Developed a complete understanding of the personnel, policies, procedures, and gray areas within those policies.
- **Geotechnical Engineering Evaluation for a Utility Lift Station, Tallahassee, Florida**  
Coordinated soil classification, laboratory analysis, and report generation for the subsurface investigation of a proposed 20-foot deep lift station. The lift station intersected with the top of the surficial aquifer, so the design considered the change in soil stress due to a fluctuating water table and a fluctuating live load. This project required visual classification of soils, selection of soils for laboratory analysis, delegation of computer aided drafting of results and report generation.
- **Phase I Environmental Assessment for a Military Equipment Manufacturer, Tallahassee, Florida**  
Conducted a Phase I Environmental Assessment for a manufacturer of rapid ordinance loading machinery for the U.S. Military. The environmental assessment required conducting an audit of the manufacturing procedures, current waste handling practices, and historical potential contamination in a manner that did not disturb operations at the facility. During this audit, it was determined that three nearby property parcels were contaminated with petroleum. An analysis of groundwater flow direction based on hydrogeologic information in the Florida Department of Environmental Protection's files revealed that groundwater flow was toward the manufacturing facility and that environmental impact of the subject property was likely. Based upon this information, Steve recommended a course of action to the site owners and the loan officer to protect their financial interests.
- **Petroleum Preapproval Funding Assistance, Various Sites Throughout Florida**
  - Assisted a public organization and their legal counsel with a rescore of the facility that brought the site into FDEP pre-approval funding range. Prior to involvement with the site, the public organization unnecessarily spent over \$100,000 addressing cleanup issues with their previous consultant.
  - Assisted a company representative working for a large chain of convenience stores in identifying four of their properties that are in pre-approval funding range but were not identified by five other consulting firms assisting them with petroleum cleanup projects.
  - Assisted a major oil company in identifying sites with petroleum pre-approval program responsible party agreements that no longer apply.
  - Assisted a major oil company in developing methods for identifying site owners bound by responsible party agreements that may be engaging in environmentally unsound practices that can jeopardize the oil companies funding eligibility or cause them to exceed their cap on funding under the pre-approval program.
  - Assisted a small automobile repair facility owner with arranging a periodic payment program for their pre-approval program deductible. Site reached NFA status at no additional cost despite a small funding cap.
  - Assisted a large food manufacturer in arranging early funding for the cleanup of petroleum contaminated property purchased for use as a storage pond. The manufacturer was prepared to clean the site at their won cost. This saved them \$350,000 in cleanup costs by enrolling them into the PAC funding program.
  - Provided documentation to the FDEP regarding prior payment of a \$500 deductible for a small site owner in Waukeelah, FL. The owner and FDEP were unaware of the previous payment.

JEREMY M. CLARK, E.I.  
STAFF ENGINEER

**ARDAMAN & ASSOCIATES, INC., TALLAHASSEE**

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**EDUCATION:**

Master of Science in Civil Engineering (Geotechnical), Florida State University, 2010  
Bachelor of Science in Civil Engineering, Florida State University, 2008

**REGISTRATION:**

Registered Engineering Intern, Florida License No. 1100014288

**EXPERIENCE:**

Mr. Clark is responsible for stratifying soil samples, *drafting soil boring profiles*, *directing laboratory testing*, and assisting senior level engineering by performing engineering analyses and drafting technical reports.

Representative projects include the following:

- **SR263 Widening, SR 61 to SR 363, Design/Build Team, Tallahassee/Leon BluePrint 2000**

Design/Build with Greenhorne & O'Mara and C.W. Roberts. The project consisted of a 1.5-mile long roadway widening, two stormwater ponds, four signal poles, and pipelines along the roadway. The project is located in Tallahassee, Leon County, Florida (2010-2011).

- **Miccosukee Roadway Improvements, from Meridian Street to Doctors Drive, Tallahassee**

Coordinated with Leon County Public Works to perform a roadway pavement and a soil survey, to provide recommendations for milling depths and overlay thicknesses for the roadway improvements. Overlay thicknesses were based on roadway pavement "design life" calculations. The project is located in Tallahassee, Leon County, Florida (2010)

- **Calhoun Street Roadway Improvements, from Gaines Street to Thomasville Road**

Coordinated with Leon County Public Works to perform an evaluation of the existing pavement, and provided preliminary recommendations for pavement rehabilitation alternatives to consider. Project was located in Tallahassee, Leon County, Florida (2011)

- **Various Karst Evaluations**

Mr. Clark assisted senior level engineers in performing karst assessments for various projects in north Florida. Responsibilities were to stratify soil samples, interpret encountered soil and groundwater conditions, review of surrounding topography and regional geology, and draft technical reports (2010-2011).

- **Driven Pile Analyses for Various Projects in Leon and Taylor County**

Mr. Clark assisted senior level engineers in performing axial and lateral pile stability analyses for driven piles. Mr. Clark is efficient in SPT97, ALLPILE, and COM624P (for lateral stability and deflection). Mr. Clark has also performed individual research in comparing SPT97 and ALLPILE capacity results to actual load tests inspected by Ardaman and Associates, Inc. This research has helped "fine tune" the use of the aforementioned computer programs input data, to provide a realistic, but conservative axial capacity.

**FILBERT SMITH  
SENIOR DRILLING SUPERVISOR**

**ARDAMAN & ASSOCIATES, INC., TALLAHASSEE**

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**EDUCATION:**

High School Graduate: Crawfordville, Florida:

**EXPERIENCE AND REGISTRATION:**

Drilling Experience: Florida, Georgia, Alabama, Mississippi, Louisiana, South Carolina, North Carolina  
Northwest Florida Water Management District  
St. Johns River Water Management District  
Suwannee River Water Management District  
Southwest Florida Water Management District  
South Florida Water Management District

Overseas: Egypt, Somalia, Saudi Arabia

Registered Water Well Driller (Contractor): State of Florida (License No. 2365)

**PROFESSIONAL HISTORY:**

**September 1968 to date: Drilling Crew Chief, Ardaman & Associates Inc, Tallahassee, Florida**

Operator and Crew Chief of Ardaman & Associates' CME 45, 55, 550 and 75 drilling equipment for the past 43 years. Typical projects include Standard Penetration Test borings advanced by solid stem, hollow stem, and mud rotary methods for foundation and groundwater explorations. Projects include monitoring well installation for geotechnical explorations such as dams and environmental studies including Leaking Underground Storage Tanks. Other experience includes wire-line coring, drilling from offshore barges, and installation of slope inclinometers. Mr. Smith has supervised and trained Egyptian and Somalia drillers. He supervises and trains drilling personnel and coordinates drilling activities, including site layout and utility clearance to support the three (3) drill rigs operated out of Tallahassee.

**Projects of Note:**

- Several Bridge Scour Elevation Evaluation Projects, Florida, Florida Department of Transportation
- SR 61/SR 369 (Crawfordville Highway), Leon County, Florida, Florida Department of Transportation
- Pensacola Weigh-In-Motion Station, Escambia County, Florida, Florida Department of Transportation
- I-75 Welcome Center, Florida Department of Transportation
- Blackwater River Bridge, Florida Department of Transportation
- I-10/Escambia Bay Bridge, Florida Department of Transportation
- US 98/Ochlocknee River Bridge, Florida Department of Transportation
- I-10/Madison County Rest Area Sinkhole Grouting, Florida Department of Transportation

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
City of Tallahassee 300 South Adams Street Tallahassee, FL 32301	Geotechnical Engineering, Materials Testing Services and Environmental Assessments	2006 – 2010	\$100,000	Ms. Helen Jackson (850) 891-8650
Leon County 301 South Monroe Street Tallahassee, FL 32301	Geotechnical Engineering, Materials Testing Services and Environmental Assessments	2006 – 2011	\$50,000	Mr. Charles Wu (850) 606-1547
Leon County Schools 33420 West Tharpe Street Suite 100 Tallahassee, FL 32303	Geotechnical Engineering, Materials Testing Services and Environmental Assessments	Ongoing	\$200,000	Ms. Sandra Davis (850) 606-1300
Tanner Heavy Equipment 284 Tanner Road Leesville LA 71446	Geotechnical, Construction Materials Testing	1997 - Open	Varies by task	Rick Tanner (337) 537-1249
Polk County 330 W. Church Street Bartow, FL 33830	Soil & Material Testing	2007 – 2012	\$50,000	Audry Aroney Reeves (863) 534-5610
State of Louisiana Department of Transportation & Development P O Box 94245 Baton Rouge, LA 70804	Geotechnical Services Route LA 1 Phase 1	2007-2012	\$3.3 million	Ray Mumphrey (225) 379-1989
State of Louisiana Department of Transportation & Development P O Box 94245 Baton Rouge, LA 70804	Geotechnical Services Route LA 1 Phase 2	2010 - 2011	\$3.4 million	Timothy W. Nickel (225) 379-1989
State of Louisiana Department of Transportation P.O. Box 94245 Baton Rouge, LA 70804	Filed Exploration, Lab Testing, PDA/Pile Monitoring and Engineering Services	2010 – 2015	\$5 million	Mr. Ben Fernandez (225) 379-1100
Brevard County School Board 2700 Judge Fran Jamieson Way Viera, FL 32940-6699	Geotechnical Engineering & Construction Materials Testing	2001 - 2011	\$20,000	Mr. Dane Theodore (321) 633-1000
Brevard County Transportation Engineering. 2725 Judge Fran Jamieson Way Viera, FL 32940-6699	Geotechnical Engineering, Construction Materials Testing & Environmental Assessments	2008 – 2012	\$100,000	Ms. Harriet Raymond (321) 617-7202
City of West Melbourne Management Services 2285 Minton Road West Melbourne, FL 32904	Geotechnical Engineering; Materials Testing and Environmental Assessments	Ongoing	\$25,000	Mr. Scott Morgan (321) 727-7700
New Smyrna Beach Utilities 200 Canal Street New Smyrna Beach, FL 32168	Geotechnical Engineering and Testing Services	2010 – 2014	\$25,000	Mr. James White, PE (386) 427-1361
Canaveral Port Authority 200 George King Cape Canaveral, FL 32920	Geotechnical and Environmental Engineering & Material Testing	1998 – 2015	\$80,000	Mr. Stanley Payne (321) 783-7831
City of Fort Myers-PW Dept. 1820 Hendry Street Fort Myers, FL 33902	RFQ #10/30/07-RFQ-PW Materials Testing Services	2008 – 2011	\$50,000	Mr. Ted Coyman (239) 332-6751
Collier County Government Admin Services Div. Purchasing 3301 Tamiami Trail East, Bldg. G Naples, FL 34112	Contract #09-5262 County Wide Engineering Services - Geotechnical	2010 – 2012	Varies per Work Assignment	Ms. Diana De Leon (239) 252-8375
Florida Department of Transportation District 1 801 North Broadway Avenue Bartow, FL 33930	District-Wide Materials and Testing Services - Financial Project No. 198391 1 62 12 - CN 08120	2007 – 2012	\$200,000	Ms. Angela Koloc (863) 591-4528
Lee County Contracts Management 1500 Monroe Street, 4th Floor Fort Myers, FL 33901	Environmental Site Assessments Lee County County-Wide Environmental Contract CN-10-04	2010 – 2012	\$10,000	Ms. Cindy Logan (239) 533-3111

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
Lee County Contracts Management 1500 Monroe Street, 4th Floor Fort Myers, FL 33901	Lee County - Materials Testing Services CN-08-20 Contract #4574	2008 – 2011	\$100,000	Ms. Cindy Logan (239) 533-3111
City of Miami 444 SW 2 Ave, 8 <sup>th</sup> Floor Miami, FL 33233	Geotechnical Material Testing	Ongoing	\$500,00 Term	Ms. Meredith Nation (305) 416-1280
Miami-Dade County 111 NW 1 <sup>st</sup> Street, Ste 1610 Miami, FL 33128	Geotechnical Material Testing	Ongoing	\$500,000	Mr. Carlos Lavista (305) 375-4660
City of Altamonte Springs 225 Newburyport Avenue Altamonte Springs, FL 32701	Geotechnical & Environmental Engineering	2004 – 2011	\$50,000	Mr. John Peters (407) 830-3857
City of Apopka 748 E. Cleveland Street Apopka, FL 32703	Geotechnical & Environmental Engineering	1997 – 2011	\$20,000	Mr. John Jreij (407) 703-1731
City of Deltona 2345 Providence Blvd. Deltona, FL 32725	Geotechnical Engineering Services	2010 - 2013	\$100,000	Mr. Gerald Chancellor, PE (407) 767-7770
City of Orlando 400 S. Orange Avenue Orlando, FL 32801	Geotechnical Engineering, Construction Materials Testing and Environmental Assessment	1992 – 2012	\$200,000	Mr. Rick Howard (407) 246-3222
City of Oviedo 400 Alexandra Boulevard Oviedo, FL 32765	Geotechnical Services	2006 – 2013	\$25,000 Term	Ms. Sofia Liatsos, EI (407) 971-5651
City of Sanford P.O. Box 1788 Sanford, FL 32772	Geotechnical, Environmental and Construction Materials Testing	2010 – 2012	\$30,000	Mr. Chris Smith (407) 330-5674
City of St. Cloud 2901 17 <sup>th</sup> Street St. Cloud, FL 34769	Geotechnical Engineering Services	2009 – 2012	\$25,000	Mr. Mark Luthie (407) 957-7279
City of Winter Park 401 Park Avenue South Winter Park, FL 32789	Geotechnical Engineering & Materials Testing	2010 - 2011	Varies	Mr. Troy Attaway, PE (407) 599-3424
Florida Department of Transportation, District 5 1650 No. Kepler Road Deland, FL 32724	Material Testing and Geotechnical Services	2008 – 2013	\$5,000,000/ Term	Mr. Frank Smith (386) 740-3507
Lake County 315 W. Main Street Tavares, FL 32778	Geotechnical Services	2008 – 2012	\$262,500	Ms. Susan Dugan (352) 343-9768
Lake County 315 W. Main Street Tavares, FL 32778	Threshold Inspection and Materials Testing	2010 - 2015	Varies	Mr. Kristian Swenson (352) 343-9424
Lake County School Board 201 West Burleigh Blvd Tavares, FL 32778	Testing Laboratory Services	2008 – 2011	\$30,000	Ms. Diane Bennett, CPPB (352) 253-6759
Orange County Public Schools 6501 Magic Way Orlando, FL 32809	Geotechnical Engineering, Environmental Assessment & Construction Materials Testing	1999 – Open	\$250,000	Mr. Alex Busto (407) 317-3700
Orange County Utilities 9150 Curry Ford Road Orlando, FL 32825	Geotechnical Engineering, Construction Materials Testing, Water Resources & Environmental Assessment	2008 – 2011	\$150,000	Mr. Steve Beasley (407) 254-9900 F (407) 254-9999
Orlando Orange County Expressway Authority 4974 Orlando Tower Road Orlando, FL 32807	Systemwide Materials Testing and Geotechnical Services	2008 – 2011	\$250,000	Mr. Bernard V. Dreiling (407) 468-7581
Osceola County 14 South Beaumont Avenue Kissimmee, FL 34741	Geotechnical and Materials Testing and Threshold Inspection	1989 – 2013	\$150,000	Mr. David Peach (407) 962-1301 F (407) 343-2275

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
Osceola County Public Schools 809 Bill Beck Blvd. Kissimmee, FL 34744	Geotechnical Engineering, Construction Materials Testing and Threshold Inspection	2010 – 2015	\$100,000	Mr. Dan Olson (407) 518-2990
Seminole County 520 West Lake Mary Blvd. Sanford, FL 32773	Environmental Services	2009 – 2012	\$25,000	Kim Ornberg, PE (407) 665-2417
Seminole County Public Schools Educational Support Cntr, 4 <sup>th</sup> Flr. 400 E. Lake Mary Boulevard Sanford, FL 32773-7127	Geotechnical Engineering, Materials Testing & Threshold Inspection	2006 – 2012	\$75,000	Mr. Jay Taylor (407) 320-0292
Seminole County 520 West Lake Mary Blvd. Sanford, FL 32773	Geotechnical Engineering Services & Material Testing	2007 – 2012	\$25,000	Mr. Robert Hunter (407) 665-7129
St. Johns River Water Management District 4049 Reid Street P.O. Box 1429 Palatka, FL 32178	Geotechnical Engineering Evaluation Services	2008 – 2011	\$400,000	Mr. Wayne Dempsey (386) 329-4328
TOHO Water Authority (City of Kissimmee-Water Resources Dept.) 101 N. Church St., Ste. 231 Kissimmee, FL 34741	Geotechnical and Environmental Engineering, Testing Services and Water Resources	1989 – 2012	\$100,000	Mr. Robert Pelham (407) 518-2370
Volusia County Public Schools Facilities 3750 Olson Drive Daytona Beach, FL 32124	Engineering Testing Services, Phase I Audits and various countywide projects	2006 – 2011	\$100,000	Mrs. Sara Lee Morrissey (386) 734-7190 (386) 947-8786
City of Fort Pierce 100 North US Highway 1 Fort Pierce, FL 34954	Geotechnical Engineering, Construction Materials Testing and Environmental Assessment	2011 – 2013	\$80,000	Mr. Jack Andrews, P.E. (772) 460-2200
City of Port St. Lucie Engineering Department 121 SW Port St. Lucie Boulevard Port St. Lucie, FL 34984	Construction Materials Testing & Threshold Building Inspection Services	2009 – 2012	\$147,780	Ms. Patricia Roebling, P.E. (772) 871-5174
Martin County 2401 SE Monterey Road Stuart, FL 34996	Geotechnical Engineering & Construction Materials Testing	2009 – 2012	\$60,000	Mr. Paul Bangs, P.E. (772) 288-5927
Martin County School District 500 E. Ocean Blvd. Stuart, FL 34997	Material Testing and Threshold Testing	2010 – 2013	\$60,000	Mr. David Spear Construction Manager (772) 223-3105
St. Lucie County Administration Annex 2300 Virginia Avenue, Room 228 Fort Pierce, FL 34982	Professional Engineering Services /Geotechnical Testing & Construction Materials Testing	2006 – 2011	\$20,000	Mr. Mike Powley, P.E. (772) 462-1667
St. Lucie County Administration Annex 2300 Virginia Avenue, Room 228 Fort Pierce, FL 34982	Phase I and Phase II Environmental Assessments	2007-2011	\$10,000	Ms. JoAnn Riley Prop. Acquisitions Manager (772) 462-1667
Indian River County Board of County Commissioners 1840 25th Street Vero Beach, FL 32960	Geotechnical Services and Environmental Engineering & Construction Materials Testing	2010 – 2014	\$60,000	Ms. Jill Williams Staff Assistant III (772) 567-8000
School District of St. Lucie County Facilities Department 327 NW Commerce Park Dr Port St. Lucie, FL 34986	Geotechnical Engineering and Construction Materials Testing	2011-2014	\$20,000	Mr. Joe Piper Project Manager (772) 785-6619

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
Indian River State College Facilities Planning Office Building S, Room 233 3209 Virginia Avenue Fort Pierce, FL 34981	Geotechnical Engineering, Construction Materials Testing and Environmental Assessment	2009-2012	\$60,000	Mr. Sean Donahue (772) 332-2924
Charlotte County 18500 Murdock Circle Port Charlotte, FL 33948	Professional Services Library	2010 – 2013	\$100,000	Ms. Kimberly Corbett (941) 743-1378
City of North Port 4970 City Hall Blvd, Suite 128 North Port, FL 34286	Agreement for Continuing Professional Consultant/ Engineering Services Library	2009 - 2013	Varies per Work Assignment	Ms. Lisa Smith (941) 429-7172
City of Sarasota General Services/Purchasing 111 S. Orange Ave. Sarasota, FL 34236	Consulting Engineering Services	2008- 2011	Varies per Work Assignment	Mr. Dick Williams (941) 954-4151
City of Venice Purchasing Dept. 401 West Venice Ave. Venice, FL 34285	Agreement for Engineering/ Professional Consulting Services	2010 – 2016	Varies per Work Assignment	Mr. Larry Miller (941) 486-2626
DeSoto County Board of County Commissioners/Purchasing Dept. 201 East Oak Street Arcadia, FL 34255	Agreement for Continuing Professional Engineering Services Library	2007- 2012	Varies per Work Assignment	Ms. Cindy Talamantez (863) 993-4816
Manatee County Government Purchasing Division 1112 Manatee Ave. West, 8 <sup>th</sup> Fl. Bradenton, FL 34205	Geotechnical Engineering and Soils and Materials Testing	2007 – 2012	Varies per Work Assignment	Mr. Tom Cook (941) 748-4501
Sarasota County Public Works 1001 Sarasota Center Boulevard Sarasota, FL 34240	Construction Testing and Geotechnical Services	2006 – 2010	\$750,000/ Term	Mr. George Giovino (941) 861-0895
Sarasota County School Board 7895 Fruitville Road Sarasota, FL 34240	Geotechnical Engineering, Materials Testing and Threshold Building Inspection Services	2006 – 2012	Varies by Project	Mr. Mark Smith (941) 361-6680
Red River Waterway Commission P O Box 776 Natchitoches LA 71458	Geotechnical, Construction Materials Testing	2009 - 2012	Varies by task	Colin Brown, PE (318) 352-7446
City of Largo 201 Highland Ave. Largo, FL 33770	Professional Consulting Services	Ongoing	Varies per work assignment	Mr. Bernard Buxton- Tetten (727) 587-6713
City of Tampa 306 East Jackson St., 4 <sup>th</sup> Flr. No. Tampa, FL 33602	Geotechnical Engineering Construction Materials Testing & Environmental Services	2002 – 2012	\$100,000	Mr. John Greiner, P.E. (813) 274-8598
Hillsborough County 601 East Kennedy Blvd. Tampa, FL 33601-1110	Miscellaneous Engineering Services for Sinkholes	2006 – 2013	\$100,000	Ms. Rosalyn McIntosh (813) 276-8100
Pasco County 14236 6 <sup>th</sup> St. Suite 201 Dade City, FL 33523	Professional Engineering Services Construction Materials Testing	2004 – 2011	\$50,000	Ms. Nancy Hill Engineering Services (727) 834-3604
Pinellas County 400 S. Ft. Harrison Ave. 6 <sup>th</sup> Floor – Annex Building Clearwater, FL 33756	Materials Testing Services	2009 - 2012	\$600,000	Dorothy Marie Milton (727) 464-3311
Pinellas County School Board 11111 South Belcher Road Largo, FL 33773	Materials Testing Services	2010 – 2011	\$25,000	Ms. Mandy Rahgozar, PhD, PE (727) 541-3526
Pinellas County School Board 11111 South Belcher Road Largo, FL 33773	Geotechnical Services	2010 – 2011	\$25,000	Ms. Mandy Rahgozar, PhD, PE (727) 541-3526

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
Tampa Port Authority 1101 Channelside Dr. Tampa, FL 33602-3612	Geotechnical, Environmental, Inspection, Testing & Engineering Services	2007 – 2011	\$75,000	Mr. Bruce A. Laurion, PE (813) 905-7678
Palm Beach County Dept of Eng & Public Works P.O. Box 21229 West Palm Beach, FL 33416	Continuing Engineering and Testing	2008 - 2011	\$50,000	Mr. David Young, PE (561) 684-4000
Port of Palm Beach One East 11 <sup>th</sup> Street Suite 400 Riviera Beach, FL 33404	Environmental Consulting & Testing Services and Material Testing Services	2006 – 2011	\$50,000	Mr. Thomas Lundeen, PE (561) 383-4133.
South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33406	Continuing Geotechnical Engineering & Testing	2008 - 2012	\$50,000	Tim Carter (561) 681-6711

## SECTION 2 – SPECIFIC PROPOSAL INFORMATION FOR CONSTRUCTION ENGINEERING AND INSPECTION SERVICES

### A. Ability of Professional Personnel

Man loading for Leon County will be tailored to meet project needs. We anticipate that the project will be staffed exclusively with Tallahassee office personnel, which is located in the Tharpe Street Industrial Park, allowing us to provide a timely response to your project needs and deadlines. Furthermore, Ardaman is one of Florida's largest construction materials testing and inspection firms and therefore we have the flexibility and capability to provide staff as needed for virtually any size project.

The key staff members proposed for your projects are listed below. Our current and proposed workload is such that this staff will be made available to the County whenever needed. Note that each of the individuals noted below have served in the manner proposed herein in prior Leon County contracts and we have all become keenly aware of the procedures and needs of the County in the services we provide.

**Michael S. Wilson, P.E.**, is Ardaman's Branch Manager/Project Manager/Senior Engineer in Tallahassee. He has over 26 years of experience (19 with Ardaman) in the field of construction materials testing and inspection. From 2000 to 2005, he managed Ardaman's contract for the County. Mr. Wilson has extensive experience in a broad range of materials testing and inspection from routine construction testing to complex pavement evaluations as evidenced by his experience with the open graded mix Leon County uses for paving low volume rural roads.

**Jeremy Clark, E.I.** is a Staff Engineer in the Tallahassee office. Mr. Clark has a master's degree in civil (geotechnical) engineering from Florida State University. He is responsible for stratifying soil samples, drafting soil boring profiles, directing laboratory testing, and assisting senior level engineering by performing engineering analyses and drafting technical reports.

**Wayne Mayo** is the Director of Field Services of Ardaman's office in Tallahassee. He has 40 years of experience with Ardaman and he is responsible for coordinating and supervising a staff of 7 field and laboratory technicians. He has a wealth of knowledge regarding Leon County's needs and expectations. Mr. Mayo is known by Leon County Construction and Facilities personnel to be a resource for all aspects of construction materials testing. He has worked with the Leon County staff and under this contract he will serve as an extension of the County staff.

Resumes of the key staff are included in this section, and they include information regarding the qualifications of our staff members and their project experience.

In addition to the professional and management staff listed above, Ardaman has a permanent staff of 7 field and laboratory technicians/inspectors located in our Tallahassee office. This core group is experienced and capable of providing the necessary testing and inspection of construction materials. As a group, they hold 23 individual CTQP certifications by the Florida Department of Transportation in the areas of soils, concrete, asphalt, aggregates and limerock.

## B. Experience with Projects of Similar Type and Size

Ardaman held a similar continuing contract with Leon County from 2000 to 2005, and therefore we are very familiar with the requirements needed under this contract. Ardaman is generally considered a consultant to public entities in Florida, and we have a great deal of experience working under continuing contracts with public sector clients. For your review, we have attached behind this section a list of continuing contracts similar to Leon County which Ardaman currently holds. Our dedication to working with and serving these important clients is evident by their renewal of our contracts over the past years.

In addition to these continuing contracts, we also list below, 10 projects which best illustrate Ardaman's construction engineering and inspection services experience of our firm and current staff in the past five years.

- |                         |  |
|-------------------------|--|
| 1. Name:                | Leon County Public Works   |
| Location:               | Leon County Fleet Maintenance<br>Miccosukee Rd. & Blairstone Rd.     |
| Firm's Responsibility:  | Construction Materials Testing Services                              |
| Owner's Representative: | Mr. Dave Dedman/Mr. Jimmy Hall                                       |
| Address & Phone Number: | 2280 Miccosukee Road<br>Tallahassee, Florida 32308<br>(850) 606-1536 |
| Date of Completion:     | 2009   |
| Key Personnel & Role:   | Wayne Mayo, Director of Field Services                               |
  
- |                         |  |
|-------------------------|--|
| 2. Name:                | Leon County Public Works   |
| Location:               | Heatherwood and Ro Co Co Roads   |
| Firm's Responsibility:  | OGHM Testing   |
| Owner's Representative: | Mr. George Su, P.E.  |
| Address & Phone Number: | 2280 Miccosukee Road<br>Tallahassee, Florida 32308<br>(850) 606-1500               |
| Date of Completion:     | Performed Annually   |
| Key Personnel & Role:   | Wayne Mayo, Director of Field Services<br>Michael S. Wilson, P.E., Senior Engineer |
  
- |                         |   |
|-------------------------|---|
| 3. Name:                | Leon County School Board  |
| Location:               | Bus Transportation Facility   |
| Firm's Responsibility:  | Construction Materials Testing Services                                 |
| Owner's Representative: | Mr. Rod McQueen   |
| Address & Phone Number: | 3420 West Tharpe Street<br>Tallahassee, Florida 32303<br>(850) 617-1800 |
| Date of Completion:     | 2009  |
| Key Personnel & Role:   | Wayne Mayo, Director of Field Services                                  |

4. Name: Leon County School Board  
 Location: Riley Elementary School  
 Firm's Responsibility: Construction Materials Testing Services  
 Owner's Representative: Mr. Steve Shelton  
 Address & Phone Number: 3420 West Tharpe Street  
 Tallahassee, Florida 32303  
 (850) 606-1300  
 Date of Completion: 2008  
 Key Personnel & Role: Wayne Mayo, Director of Field Services
5. Name: Leon County Public Works  
 Location: Velda Dairy Road  
 Firm's Responsibility: Construction Materials Testing Services  
 Owner's Representative: Mr. Dave Dedman  
 Address & Phone Number: 2280 Miccosukee Road  
 Tallahassee, Florida 32308  
 (850) 606-1536  
 Date of Completion: 2010  
 Key Personnel & Role: Wayne Mayo, Director of Field Services
6. Name: Leon County School Board  
 Location: Leon High School  
 Firm's Responsibility: Construction Materials Testing Services  
 Owner's Representative: Mr. Russ Waters  
 Address & Phone Number: 3420 West Tharpe Street  
 Tallahassee, Florida 32303  
 (850) 617-5908  
 Date of Completion: 2010  
 Key Personnel & Role: Wayne Mayo, Director of Field Services
7. Name: Leon County School Board  
 Location: Lincoln High School Film Tower  
 Firm's Responsibility: Construction Materials Testing Services  
 Owner's Representative: Mr. Greg Grace  
 Address & Phone Number: 3420 West Tharpe Street  
 Tallahassee, Florida 32303  
 (850) 488-7737  
 Date of Completion: 2010  
 Key Personnel & Role: Wayne Mayo, Director of Field Services

8. Name: Leon County School Board  
 Location: W. T. Moore Elementary Utility Upgrade/Sidewalk Extension  
 Firm's Responsibility: Construction Materials Testing Services  
 Owner's Representative: Mr. Rod McQueen  
 Address & Phone Number: 3420 West Tharpe Street  
 Tallahassee, Florida 32303  
 (850) 488-7337  
 Date of Completion: 2010  
 Key Personnel & Role: Wayne Mayo, Director of Field Services
9. Name: Leon County School Board  
 Location: Leon High School Entrance Driveway  
 Firm's Responsibility: Construction Materials Testing Services  
 Owner's Representative: Mr. Robert Metcalf  
 Address & Phone Number: 3420 West Tharpe Street  
 Tallahassee, Florida 32303  
 (850) 488-7337  
 Date of Completion: 2010  
 Key Personnel & Role: Wayne Mayo, Director of Field Services
10. Name: City of Tallahassee  
 Location: Kleman Plaza  
 Firm's Responsibility: Evaluate Settlement at Rotunda and Monitor  
 Remediation  
 Owner's Representative: Mr. David Rosenfeld  
 Address & Phone Number: 300 South Adams Street  
 Tallahassee, Florida 32301  
 (850) 891-8222  
 Date of Completion: Ongoing  
 Key Personnel & Role: Michael S. Wilson, P.E., Senior Engineer

**C. Willingness to Meet Schedule and Budget Requirements**

Ardaman is committed to meeting both schedule and budget requirements for this contract. Our administrative system allows weekly project personnel updates that are available to our Project Managers at any time. Therefore, our Project Managers can track project costs closely and notify the County immediately if the scope or magnitude of services differs from those outlined in our initial proposal. All employees complete weekly time sheets that are entered, along with other cost items, into an enterprise wide, Oracle based cost-accounting system. The project cost accounting is used to prepare all invoices and provides auditable staff/cost data. Because all invoicing is prepared locally by the project team and invoices are checked, verified and sent from the local office, accuracy is ensured.

Ardaman's main point of contact, Mr. Mike Wilson, P.E., will be responsible for assuring that all County projects under this contract are completed within schedule and budget. Ardaman will meet or exceed any response time and test turnaround time set forth by the County. Below is our estimated response

time/turnaround times for typical materials testing/inspection assignments.

- Technician on Site
  - Normal Response: within 24 hours of request
  - Emergency Response: within 1 hour of request
- Field Reports
  - Normal Response: Immediate (when required)
- Laboratory Reports
  - Normal Response: 2 to 4 days, depending on test procedure (signed and sealed)

#### **D. Effect of Firms Recent, Current and Projected Workload**

The downturn in the economy over the past few years has presented challenges to every company working in the engineering field. Workloads here shrunk for most firms, and Ardaman is no exception. However, unlike most other companies, we have managed to keep our talented staff intact and have not discharged any of our key local professional staff members. Therefore, we currently have excess local capacity that we will be able to apply to the City's needs. In short, our current and projected workloads are below capacity and our current ability to perform will benefit the City Staff.

Ardaman & Associates, Inc. is a major supplier of construction testing and inspection services in Florida. We, therefore, maintain a staff and physical plant capable of meeting the needs of many projects simultaneously. We work successfully with many public entities on existing contracts and can easily continue to provide services to the County.

Also, we have no other major contracts beginning that will conflict with our ability to serve you. Therefore, we will be readily available to meet your workload requirements. Our professional staff as well as our support personnel and mechanical equipment will be at the disposal of the County.

Geotechnical engineering and materials testing work generally consists of conducting numerous short-term assignments. We rarely have long-term projects at differing stages of completion. The nature of the services we provide leads to literally hundreds of active assignments at any point in time.

#### **E. Effect of Project Team Location**

As mentioned previously, Ardaman & Associates, Inc. has maintained a full service geotechnical engineering office in Tallahassee since 1967. The location and continued presence of this office and its experienced staff will provide several advantages to the County under this contract.

- The proximity of the office to all projects in Leon County will allow quick and economical response to any construction site.
- Since the office is in Tallahassee, our staff will be able to meet personally with the County staff whenever appropriate and at short notice.
- Our senior staff members have worked for decades in Leon County, and they are knowledgeable

of the material types, and construction procedures. Our local staff will assure that we will require no learning curve for this contract.

- Our local staff is well known by the local design, construction and regulatory communities. Our engineers have significant credibility which will allow them to more effectively advocate for the County projects.

## F. Approach to the Project

### **SAMPLE PROJECT: CONSTRUCTION MATERIALS TESTING FOR ROADWAY WIDENING**

*Project Understanding:* This project will transform a two-mile section of a two-lane rural roadway into a four-lane urban section. The project also includes a bridge widening. Ardaman's purpose during construction of this roadway is to supplement the County's inspection personnel with technicians and inspectors who will confirm that the contractor's methods and materials comply with the project plans and specifications. We will help evaluate issues such as suitability of embankment soils, soil compaction, concrete strength and suitability of pavement materials. The results of our tests are used by the County staff and the designers to verify the work of the contractor(s). We serve as an extension of the County staff -- as extra "eyes and ears" on the site -- to look out for the County's interests.

*Project Approach:* The first activity in construction testing is to meet with the County staff to set up a testing approach. During these important conversations, we will mutually look at the construction sequence and schedule to determine how to best mobilize our field forces. For example, at the beginning and end of the project, construction activity is usually relatively light. During this period, we will conserve funds by working on a "will-call" basis. Technicians will visit the site only when needed by the contractor or the County's inspector. As construction activity increases, we may assign technicians to the site full time. To help define the scope of testing, we will also review the project documents and establish the frequency of testing required for each test type. We will then reduce all this data into a scope and fee proposal for review by the County's representative. We will maintain continuity by keeping the same personnel assigned to the project throughout its duration. These individuals will be trained and equipped to conduct various types of on-site tests, thus reducing the necessary field work force.

All field and laboratory tests will be conducted according to the appropriate ASTM, ACI and ANSI standards. Technicians will be certified by the appropriate organization (ACI, AWS, FDOT). Typical tests will include compaction of soil, soil classification, laboratory Proctor, LBR of pavement subgrade and base, extraction, gradation and thickness of asphaltic concrete, slump, air content and temperature of fresh concrete and unit weight and compressive strength of cured concrete. We will work with a dynamic pile driving (PDA) consultant to evaluate the required driving resistance for the bridge foundation piles, and we will observe installation of the production piles. Field copies of the test results will be given immediately to the County inspector, and final reports, reviewed, signed and sealed by a professional engineer, will be issued with regular status reports. These status reports will summarize the work conducted during the report period and will include copies of all the test results. We will assign a Field Manager to not only review the field reports, but also visit the site periodically to confirm our service and resolve technical issues. Laboratory tests will be conducted in our local laboratory, which has been inspected by FDOT and is annually certified by the Construction Materials Engineering Council (CMEC). These inspections verify that our equipment is properly calibrated and our laboratory personnel adequately trained. We will attend project status meetings, providing input when

appropriate.

*Innovative Ideas/Cost and Time Savings:* Ardaman has specialized in-house capabilities, such as strength testing of plastic pipes, holiday testing of coatings for pipes, non-destructive testing of concrete and numerous other specialty capabilities, available for this contract. The County will not have to look elsewhere for these services, and thus will save time and money. Further, Ardaman's laboratory is inspected annually by the Construction Materials Engineering Council (a third party inspection of our staff and equipment), assuring the County of qualified resources.

**ARDAMAN & ASSOCIATES, INC., TALLAHASSEE**

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**EDUCATION:**

B.S. Mathematics & Physical Science, Troy State University, 1981  
B.S. Civil Engineering, Auburn University, 1984  
M.S. Civil Engineering (Geotechnical), Auburn University, 1985

**REGISTRATION:**

Professional Engineer, Florida, No. 46088  
Professional Engineer, Georgia, No. 16722  
Professional Engineer, Alabama, No. 24013

**DUTIES:**

Mr. Wilson is responsible for branch operations, project planning, proposals, coordination and engineering analysis and technical reports for the past 19 years with Ardaman. Also manages engineering projects including supervision of field exploration, analyses of foundation alternatives and presentation of geotechnical recommendations and technical reports.

**SUMMARY OF CAPABILITIES:**

- Shallow Foundation design
- Deep Foundation design (Piles and Drilled Shafts) and analysis (PDA and CAPWAP analysis)
- Site preparation evaluations
- Roadway and Pavement (flexible and rigid) design
- Evaluating problematic soil conditions and providing recommendations for soil improvement techniques
- Sinkhole evaluations
- Construction materials testing and inspection
- Earth Retaining Structures design (CIP, Proprietary, Sheet pile, Soldier Pile Walls)
- Slope Stability analysis and Reinforced Earth Slope design
- Hydraulic Engineering (designing and evaluating stormwater retention ponds)
- Environmental Engineering (Environmental Site Assessment and remediation of contaminated sites)
- Liner system design and evaluation (landfills, lagoons, slurry walls)
- Dam and Levee design

**EXPERIENCE:**

Mr. Wilson has 26 years of experience in geotechnical and construction materials engineering. He has worked on a broad range of projects in the Southeastern United States. A few representative projects are briefly described.

- **I-10 Escambia Bay Bridge Replacement, Pensacola, Florida**  
Initiated proposal and professional geotechnical services on this large project to replace the bridge severely damaged by Hurricane Ivan. Services including, geotechnical exploration with up to 5 barge mounded drill rigs, evaluations of various pile foundation alternatives and currently driving test piles on-site.
- **Blairstone Road and Bridge Construction Tallahassee, Florida**  
Along with normal construction materials testing, we provided vibrations consulting to address construction induced vibrations at nearby residences and an eye clinic. These services required both technical expertise and expert witness testimony.

- **Tartary Drive Drainage Improvements Tallahassee, Florida**  
Along with typical construction materials testing, provided consulting regarding damage to pipe during compaction efforts.
- **Welaunee Road Sinkhole, Tallahassee, Florida**  
Provided consulting engineering on evaluation and remediation of a relatively large sinkhole that opened during a roadway soil survey for the proposed road.
- **Lake Bradford Road Regional Stormwater Facility, Tallahassee, Florida**  
Provided consulting engineering to remediate over a dozen sinkholes which opened in this SWMF shortly after placed in operation.
- **SR 61 & SR 369 Improvements (Crawfordville Road), Hatch Mott McDonald, Florida Department of Transportation, Leon County, Florida**  
Mike performed subsurface exploration and provided design recommendations for new roadway widening (four-laning) bridge construction and associated ponds. Roadway and bridge construction is planned over karst features.
- **Adams Street, City of Tallahassee, Tallahassee, Florida**  
Mike performed an evaluation of the existing distressed rigid pavement and provided recommendations for various methods of pavement reconstruction including appropriate subsurface drainage.
- **Southwood Development Streets, Post, Buckley, Schuh & Jernigan, Inc., Tallahassee, Florida**  
Mike continued the exploration for new streets in the Southwood development which spans the line between sands of the recent coastal plains deposits and the comparatively older and more clayey Tallahassee Hills deposits.
- **Various City Streets, City of Orlando, Florida**  
Mike performed an assessment of the pavement rejuvenation program. He designed a field laboratory testing program to test the effectiveness of the product used and to optimize the return.
- **Brevard County Schools:**  
Construction Quality Control Monitoring: Eau Gallie, Merritt Island and Satellite High School Auditorium Additions and Fairglen and Holland Elementary School Renovations.  
  
Geotechnical Engineering and Construction Quality Control Monitoring: Various Additions and renovations to Cocoa, Melbourne and Titusville High Schools and new schools Central Jr. High, Port St. John Jr. High, Meadowlane Elementary and Enterprise Elementary.

**JEREMY M. CLARK, E.I.  
STAFF ENGINEER**

**ARDAMAN & ASSOCIATES, INC., TALLAHASSEE**

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**EDUCATION:**

Master of Science in Civil Engineering (Geotechnical), Florida State University, 2010  
Bachelor of Science in Civil Engineering, Florida State University, 2008

**REGISTRATION:**

Registered Engineering Intern, Florida License No. 1100014288

**EXPERIENCE:**

Mr. Clark is responsible for stratifying soil samples, drafting soil boring profiles, directing laboratory testing, and assisting senior level engineering by performing engineering analyses and drafting technical reports.

Representative projects include the following:

- **SR263 Widening, SR 61 to SR 363, Design/Build Team, Tallahassee/Leon BluePrint 2000**

Design/Build with Greenhorne & O'Mara and C.W. Roberts. The project consisted of a 1.5-mile long roadway widening, two stormwater ponds, four signal poles, and pipelines along the roadway. The project is located in Tallahassee, Leon County, Florida (2010-2011).

- **Miccosukee Roadway Improvements, from Meridian Street to Doctors Drive, Tallahassee**

Coordinated with Leon County Public Works to perform a roadway pavement and a soil survey, to provide recommendations for milling depths and overlay thicknesses for the roadway improvements. Overlay thicknesses were based on roadway pavement "design life" calculations. The project is located in Tallahassee, Leon County, Florida (2010)

- **Calhoun Street Roadway Improvements, from Gaines Street to Thomasville Road**

Coordinated with Leon County Public Works to perform an evaluation of the existing pavement, and provided preliminary recommendations for pavement rehabilitation alternatives to consider. Project was located in Tallahassee, Leon County, Florida (2011)

- **Various Karst Evaluations**

Mr. Clark assisted senior level engineers in performing karst assessments for various projects in north Florida. Responsibilities were to stratify soil samples, interpret encountered soil and groundwater conditions, review of surrounding topography and regional geology, and draft technical reports (2010-2011).

- **Driven Pile Analyses for Various Projects in Leon and Taylor County**

Mr. Clark assisted senior level engineers in performing axial and lateral pile stability analyses for driven piles. Mr. Clark is efficient in SPT97, ALLPILE, and COM624P (for lateral stability and deflection). Mr. Clark has also performed individual research in comparing SPT97 and ALLPILE capacity results to actual load tests inspected by Ardaman and Associates, Inc. This research has helped "fine tune" the use of the aforementioned computer programs input data, to provide a realistic, but conservative axial capacity.

**EDUCATION:**

Leon High School Graduate  
Lewis M. Lively Vo-Tech, Drafting

**PAST REGISTRATIONS AND CERTIFICATIONS:**

A.C.I. Certified Concrete Technician  
FDOT Certified Asphalt Technician (Cert. No. 5575)  
Fort Sill Technical Survey School Graduate (320 class hours)  
Registered Test Well Driller (Southwest Florida Water Management District).

**PROFESSIONAL HISTORY:**

**April 1971 To Date: Ardaman & Associates, Inc.** - 11 years Geotechnical Drilling Crew Chief (Ardaman & Associates), 27 years Laboratory Director (Ardaman & Associates), 2 years Field Technician (Ardaman & Associates); with 40 years of experience.

**Test Pile Inspector**

Performed in excess of 60 piles under static axial compressive load tests for many high rise structures, bridges, towers, and industrial sites.

**PROJECTS OF NOTE**

Florida State Capital  
Civic Center  
State Parking Decks  
Supreme Court  
Occidental Chemical Company  
Engelhard Chemical Company  
Olin Corporation  
Procter & Gamble Cellulose  
Academic Center (Doak Campbell Stadium)  
Apalachicola River Bridge  
Interstate 10  
Capital Circle Widening  
Tallahassee City Hall  
Leon County Justice Complex  
Leon County Jail  
Governors Square Mall  
Tallahassee Mall

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
City of Tallahassee 300 South Adams Street Tallahassee, FL 32301	Geotechnical Engineering, Materials Testing Services and Environmental Assessments	2006 – 2010	\$100,000	Ms. Helen Jackson (850) 891-8650
Leon County 301 South Monroe Street Tallahassee, FL 32301	Geotechnical Engineering, Materials Testing Services and Environmental Assessments	2006 – 2011	\$50,000	Mr. Charles Wu (850) 606-1547
Leon County Schools 33420 West Tharpe Street Suite 100 Tallahassee, FL 32303	Geotechnical Engineering, Materials Testing Services and Environmental Assessments	Ongoing	\$200,000	Ms. Sandra Davis (850) 606-1300
Tanner Heavy Equipment 284 Tanner Road Leesville LA 71446	Geotechnical, Construction Materials Testing	1997 - Open	Varies by task	Rick Tanner (337) 537-1249
Polk County 330 W. Church Street Bartow, FL 33830	Soil & Material Testing	2007 – 2012	\$50,000	Audry Aroney Reeves (863) 534-5610
State of Louisiana Department of Transportation & Development P O Box 94245 Baton Rouge, LA 70804	Geotechnical Services Route LA 1 Phase 1	2007-2012	\$3.3 million	Ray Mumphrey (225) 379-1989
State of Louisiana Department of Transportation & Development P O Box 94245 Baton Rouge, LA 70804	Geotechnical Services Route LA 1 Phase 2	2010 - 2011	\$3.4 million	Timothy W. Nickel (225) 379-1989
State of Louisiana Department of Transportation P.O. Box 94245 Baton Rouge, LA 70804	Filed Exploration, Lab Testing, PDA/Pile Monitoring and Engineering Services	2010 – 2015	\$5 million	Mr. Ben Fernandez (225) 379-1100
Brevard County School Board 2700 Judge Fran Jamieson Way Viera, FL 32940-6699	Geotechnical Engineering & Construction Materials Testing	2001 - 2011	\$20,000	Mr. Dane Theodore (321) 633-1000
Brevard County Transportation Engineering 2725 Judge Fran Jamieson Way Viera, FL 32940-6699	Geotechnical Engineering, Construction Materials Testing & Environmental Assessments	2008 – 2012	\$100,000	Ms. Harriet Raymond (321) 617-7202
City of West Melbourne Management Services 2285 Minton Road West Melbourne, FL 32904	Geotechnical Engineering; Materials Testing and Environmental Assessments	Ongoing	\$25,000	Mr. Scott Morgan (321) 727-7700
New Smyrna Beach Utilities 200 Canal Street New Smyrna Beach, FL 32168	Geotechnical Engineering and Testing Services	2010 – 2014	\$25,000	Mr. James White, PE (386) 427-1361
Canaveral Port Authority 200 George King Cape Canaveral, FL 32920	Geotechnical and Environmental Engineering & Material Testing	1998 – 2015	\$80,000	Mr. Stanley Payne (321) 783-7831
City of Fort Myers-PW Dept. 1820 Hendry Street Fort Myers, FL 33902	RFQ #10/30/07-RFQ-PW Materials Testing Services	2008 – 2011	\$50,000	Mr. Ted Coyman (239) 332-6751
Collier County Government Admin Services Div. Purchasing 3301 Tamiami Trail East, Bldg. G Naples, FL 34112	Contract #09-5262 County Wide Engineering Services - Geotechnical	2010 – 2012	Varies per Work Assignment	Ms. Diana De Leon (239) 252-8375
Florida Department of Transportation District 1 801 North Broadway Avenue Bartow, FL 33930	District-Wide Materials and Testing Services - Financial Project No. 198391 1 62 12 - CN 08120	2007 – 2012	\$200,000	Ms. Angela Koloc (863) 591-4528
Lee County Contracts Management 1500 Monroe Street, 4th Floor Fort Myers, FL 33901	Environmental Site Assessments Lee County County-Wide Environmental Contract CN-10-04	2010 – 2012	\$10,000	Ms. Cindy Logan (239) 533-3111

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
Lee County Contracts Management 1500 Monroe Street, 4th Floor Fort Myers, FL 33901	Lee County - Materials Testing Services CN-08-20 Contract #4574	2008 – 2011	\$100,000	Ms. Cindy Logan (239) 533-3111
City of Miami 444 SW 2 Ave, 8 <sup>th</sup> Floor Miami, FL 33233	Geotechnical Material Testing	Ongoing	\$500,00 Term	Ms. Meredith Nation (305) 416-1280
Miami-Dade County 111 NW 1 <sup>st</sup> Street, Ste 1610 Miami, FL 33128	Geotechnical Material Testing	Ongoing	\$500,000	Mr. Carlos Lavista (305) 375-4660
City of Altamonte Springs 225 Newburyport Avenue Altamonte Springs, FL 32701	Geotechnical & Environmental Engineering	2004 – 2011	\$50,000	Mr. John Peters (407) 830-3857
City of Apopka 748 E. Cleveland Street Apopka, FL 32703	Geotechnical & Environmental Engineering	1997 – 2011	\$20,000	Mr. John Jreij (407) 703-1731
City of Deltona 2345 Providence Blvd. Deltona, FL 32725	Geotechnical Engineering Services	2010 - 2013	\$100,000	Mr. Gerald Chancellor, PE (407) 767-7770
City of Orlando 400 S. Orange Avenue Orlando, FL 32801	Geotechnical Engineering, Construction Materials Testing and Environmental Assessment	1992 – 2012	\$200,000	Mr. Rick Howard (407) 246-3222
City of Oviedo 400 Alexandra Boulevard Oviedo, FL 32765	Geotechnical Services	2006 – 2013	\$25,000 Term	Ms. Sofia Liatsos, EI (407) 971-5651
City of Sanford P.O. Box 1788 Sanford, FL 32772	Geotechnical, Environmental and Construction Materials Testing	2010 – 2012	\$30,000	Mr. Chris Smith (407) 330-5674
City of St. Cloud 2901 17 <sup>th</sup> Street St. Cloud, FL 34769	Geotechnical Engineering Services	2009 – 2012	\$25,000	Mr. Mark Luthie (407) 957-7279
City of Winter Park 401 Park Avenue South Winter Park, FL 32789	Geotechnical Engineering & Materials Testing	2010 - 2011	Varies	Mr. Troy Attaway, PE (407) 599-3424
Florida Department of Transportation, District 5 1650 No. Kepler Road Deland, FL 32724	Material Testing and Geotechnical Services	2008 – 2013	\$5,000,000/ Term	Mr. Frank Smith (386) 740-3507
Lake County 315 W. Main Street Tavares, FL 32778	Geotechnical Services	2008 – 2012	\$262,500	Ms. Susan Dugan (352) 343-9768
Lake County 315 W. Main Street Tavares, FL 32778	Threshold Inspection and Materials Testing	2010 - 2015	Varies	Mr. Kristian Swenson (352) 343-9424
Lake County School Board 201 West Burleigh Blvd Tavares, FL 32778	Testing Laboratory Services	2008 – 2011	\$30,000	Ms. Diane Bennett, CPPB (352) 253-6759
Orange County Public Schools 6501 Magic Way Orlando, FL 32809	Geotechnical Engineering, Environmental Assessment & Construction Materials Testing	1999 – Open	\$250,000	Mr. Alex Busto (407) 317-3700
Orange County Utilities 9150 Curry Ford Road Orlando, FL 32825	Geotechnical Engineering, Construction Materials Testing, Water Resources & Environmental Assessment	2008 – 2011	\$150,000	Mr. Steve Beasley (407) 254-9900 F (407) 254-9999
Orlando Orange County Expressway Authority 4974 Orlando Tower Road Orlando, FL 32807	Systemwide Materials Testing and Geotechnical Services	2008 – 2011	\$250,000	Mr. Bernard V. Dreiling (407) 468-7581
Osceola County 14 South Beaumont Avenue Kissimmee, FL 34741	Geotechnical and Materials Testing and Threshold Inspection	1989 – 2013	\$150,000	Mr. David Peach (407) 962-1301 F (407) 343-2275

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
Osceola County Public Schools 809 Bill Beck Blvd. Kissimmee, FL 34744	Geotechnical Engineering, Construction Materials Testing and Threshold Inspection	2010 – 2015	\$100,000	Mr. Dan Olson (407) 518-2990
Seminole County 520 West Lake Mary Blvd. Sanford, FL 32773	Environmental Services	2009 – 2012	\$25,000	Kim Ornberg, PE (407) 665-2417
Seminole County Public Schools Educational Support Cntr, 4 <sup>th</sup> Flr. 400 E. Lake Mary Boulevard Sanford, FL 32773-7127	Geotechnical Engineering, Materials Testing & Threshold Inspection	2006 – 2012	\$75,000	Mr. Jay Taylor (407) 320-0292
Seminole County 520 West Lake Mary Blvd. Sanford, FL 32773	Geotechnical Engineering Services & Material Testing	2007 – 2012	\$25,000	Mr. Robert Hunter (407) 665-7129
St. Johns River Water Management District 4049 Reid Street P.O. Box 1429 Palatka, FL 32178	Geotechnical Engineering Evaluation Services	2008 – 2011	\$400,000	Mr. Wayne Dempsey (386) 329-4328
TOHO Water Authority (City of Kissimmee-Water Resources Dept.) 101 N. Church St., Ste. 231 Kissimmee, FL 34741	Geotechnical and Environmental Engineering, Testing Services and Water Resources	1989 – 2012	\$100,000	Mr. Robert Pelham (407) 518-2370
Volusia County Public Schools Facilities 3750 Olson Drive Daytona Beach, FL 32124	Engineering Testing Services, Phase I Audits and various countywide projects	2006 – 2011	\$100,000	Mrs. Sara Lee Morrissey (386) 734-7190 (386) 947-8786
City of Fort Pierce 100 North US Highway 1 Fort Pierce, FL 34954	Geotechnical Engineering, Construction Materials Testing and Environmental Assessment	2011 – 2013	\$80,000	Mr. Jack Andrews, P.E. (772) 460-2200
City of Port St. Lucie Engineering Department 121 SW Port St. Lucie Boulevard Port St. Lucie, FL 34984	Construction Materials Testing & Threshold Building Inspection Services	2009 – 2012	\$147,780	Ms. Patricia Roebing, P.E. (772) 871-5174
Martin County 2401 SE Monterey Road Stuart, FL 34996	Geotechnical Engineering & Construction Materials Testing	2009 – 2012	\$60,000	Mr. Paul Bangs, P.E. (772) 288-5927
Martin County School District 500 E. Ocean Blvd. Stuart, FL 34997	Material Testing and Threshold Testing	2010 – 2013	\$60,000	Mr. David Spear Construction Manager (772) 223-3105
St. Lucie County Administration Annex 2300 Virginia Avenue, Room 228 Fort Pierce, FL 34982	Professional Engineering Services /Geotechnical Testing & Construction Materials Testing	2006 – 2011	\$20,000	Mr. Mike Powley, P.E. (772) 462-1667
St. Lucie County Administration Annex 2300 Virginia Avenue, Room 228 Fort Pierce, FL 34982	Phase I and Phase II Environmental Assessments	2007-2011	\$10,000	Ms. JoAnn Riley Prop. Acquisitions Manager (772) 462-1667
Indian River County Board of County Commissioners 1840 25th Street Vero Beach, FL 32960	Geotechnical Services and Environmental Engineering & Construction Materials Testing	2010 – 2014	\$60,000	Ms. Jill Williams Staff Assistant III (772) 567-8000
School District of St. Lucie County Facilities Department 327 NW Commerce Park Dr Port St. Lucie, FL 34986	Geotechnical Engineering and Construction Materials Testing	2011-2014	\$20,000	Mr. Joe Piper Project Manager (772) 785-6619

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
Indian River State College Facilities Planning Office Building S, Room 233 3209 Virginia Avenue Fort Pierce, FL 34981	Geotechnical Engineering, Construction Materials Testing and Environmental Assessment	2009-2012	\$60,000	Mr. Sean Donahue (772) 332-2924
Charlotte County 18500 Murdock Circle Port Charlotte, FL 33948	Professional Services Library	2010 – 2013	\$100,000	Ms. Kimberly Corbett (941) 743-1378
City of North Port 4970 City Hall Blvd, Suite 128 North Port, FL 34286	Agreement for Continuing Professional Consultant/ Engineering Services Library	2009 - 2013	Varies per Work Assignment	Ms. Lisa Smith (941) 429-7172
City of Sarasota General Services/Purchasing 111 S. Orange Ave. Sarasota, FL 34236	Consulting Engineering Services	2008- 2011	Varies per Work Assignment	Mr. Dick Williams (941) 954-4151
City of Venice Purchasing Dept. 401 West Venice Ave. Venice, FL 34285	Agreement for Engineering/ Professional Consulting Services	2010 – 2016	Varies per Work Assignment	Mr. Larry Miller (941) 486-2626
DeSoto County Board of County Commissioners/Purchasing Dept. 201 East Oak Street Arcadia, FL 34255	Agreement for Continuing Professional Engineering Services Library	2007- 2012	Varies per Work Assignment	Ms. Cindy Talamantez (863) 993-4816
Manatee County Government Purchasing Division 1112 Manatee Ave. West, 8 <sup>th</sup> Flr. Bradenton, FL 34205	Geotechnical Engineering and Soils and Materials Testing	2007 – 2012	Varies per Work Assignment	Mr. Tom Cook (941) 748-4501
Sarasota County Public Works 1001 Sarasota Center Boulevard Sarasota, FL 34240	Construction Testing and Geotechnical Services	2006 – 2010	\$750,000/ Term	Mr. George Giovino (941) 861-0895
Sarasota County School Board 7895 Fruitville Road Sarasota, FL 34240	Geotechnical Engineering, Materials Testing and Threshold Building Inspection Services	2006 – 2012	Varies by Project	Mr. Mark Smith (941) 361-6680
Red River Waterway Commission P O Box 776 Natchitoches LA 71458	Geotechnical, Construction Materials Testing	2009 - 2012	Varies by task	Colin Brown, PE (318) 352-7446
City of Largo 201 Highland Ave. Largo, FL 33770	Professional Consulting Services	Ongoing	Varies per work assignment	Mr. Bernard Buxton- Tetten (727) 587-6713
City of Tampa 306 East Jackson St., 4 <sup>th</sup> Flr. No. Tampa, FL 33602	Geotechnical Engineering Construction Materials Testing & Environmental Services	2002 – 2012	\$100,000	Mr. John Greiner, P.E. (813) 274-8598
Hillsborough County 601 East Kennedy Blvd. Tampa, FL 33601-1110	Miscellaneous Engineering Services for Sinkholes	2006 – 2013	\$100,000	Ms. Rosalyn McIntosh (813) 276-8100
Pasco County 14236 6 <sup>th</sup> St. Suite 201 Dade City, FL 33523	Professional Engineering Services Construction Materials Testing	2004 – 2011	\$50,000	Ms. Nancy Hill Engineering Services (727) 834-3604
Pinellas County 400 S. Ft. Harrison Ave. 6 <sup>th</sup> Floor – Annex Building Clearwater, FL 33756	Materials Testing Services	2009 - 2012	\$600,000	Dorothy Marie Milton (727) 464-3311
Pinellas County School Board 11111 South Belcher Road Largo, FL 33773	Materials Testing Services	2010 – 2011	\$25,000	Ms. Mandy Rahgozar, PhD, PE (727) 541-3526
Pinellas County School Board 11111 South Belcher Road Largo, FL 33773	Geotechnical Services	2010 – 2011	\$25,000	Ms. Mandy Rahgozar, PhD, PE (727) 541-3526

## Continuing Services Contracts

Client	Services	Contract Duration	Approximate Annual Fee	Client Contact
Tampa Port Authority 1101 Channelside Dr. Tampa, FL 33602-3612	Geotechnical, Environmental, Inspection, Testing & Engineering Services	2007 – 2011	\$75,000	Mr. Bruce A. Laurion, PE (813) 905-7678
Palm Beach County Dept of Eng & Public Works P.O. Box 21229 West Palm Beach, FL 33416	Continuing Engineering and Testing	2008 - 2011	\$50,000	Mr. David Young, PE (561) 684-4000
Port of Palm Beach One East 11 <sup>th</sup> Street Suite 400 Riviera Beach, FL 33404	Environmental Consulting & Testing Services and Material Testing Services	2006 – 2011	\$50,000	Mr. Thomas Lundeen, PE (561) 383-4133.
South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33406	Continuing Geotechnical Engineering & Testing	2008 - 2012	\$50,000	Tim Carter (561) 681-6711