



**BOARD OF COUNTY COMMISSIONERS**

DATE: August 21, 2012

AGENDA ITEM NO. **13**

Consent Agenda

Regular Agenda

Public Hearing

County Administrator's Signature

**Subject:**

Approval of Final Agreements- Consultant Services for Professional Engineering and Geotechnical Services Contract No. 112-0143-CN (AM)

**Department:**

Department of Environment & Infrastructure / Purchasing

**Staff Member Responsible:**

Jorge Quintas / Joe Lauro

**Recommended Action:**

I RECOMMEND THE BOARD OF COUNTY COMMISSIONERS (BOARD) APPROVE THE FINAL NEGOTIATED AGREEMENTS WITH EACH OF THE TEN (10) TOP RANKED FIRMS FOR CONSULTANT SERVICES FOR PROFESSIONAL ENGINEERING PERTAINING TO ENVIRONMENTAL AND GEOTECHNICAL SERVICES ON A CONTINUING BASIS AS OUTLINED IN THE REQUEST FOR PROPOSAL.

IT IS FURTHER RECOMMENDED THAT AFTER PROPER EXECUTION OF THE AGREEMENTS BY THE FIRMS, THE CHAIRMAN SIGN THE AGREEMENTS AND THE CLERK ATTEST PERTAINING TO THE FOLLOWING FIRMS:

1. RARE EARTH SCIENCES, INC., D/B/A HSA ENGINEER AND SCIENTISTS, TAMPA, FL
2. MC SQUARED, INC., TAMPA, FL
3. TBE GROUP, INC., D/B/A CARDNO TBE, CLEARWATER, FL
4. PROFESSIONAL SERVICE INDUSTRIES, INC., TAMPA, FL
5. S&ME, INC., TAMPA, FL
6. AMEC ENVIRONMENT & INFRASTRUCTURE, INC., TAMPA, FL
7. GANNETT FLEMING, INC., LARGO, FL
8. GLE ASSOCIATES, INC., TAMPA, FL
9. URS CORPORATION SOUTHERN, TAMPA, FL
10. ENVIRONMENTAL CONSULTING TECHNOLOGY, INC., D/B/A ECT, TAMPA, FL

**Summary Explanation/Background:**

On May 12, 2012, the Board, as per Consultant Competitive Negotiation Act (CCNA) requirements, approved the ranking of firms pertaining to a continuing contract for qualified consultants to provide the County with environmental and geotechnical services for capital improvement projects as required county-wide.

A final agreement with each of the ten (10) firms has been negotiated by Purchasing staff and is presented to the Board for consideration. The new contracts offer several advantages over previous contracts: all firms provided fully loaded rates which include all overhead, profit and local travel; Consumer Price Index adjustments have been deleted; rates are fixed for the initial term of thirty-six (36) months, and the County reserves the right to renegotiate rates if there is a change in market conditions.

The contract is effective upon execution of the agreements and continues for a period of thirty-six (36) months with option for one (1) twenty-four (24) month term extension.

Staff thought it was more prudent to attach a sample of the agreement along with the firms corresponding negotiated rates as opposed to copying all fifteen (15) agreements.

**Fiscal Impact/Cost/Revenue Summary:**

The upset limit over the initial thirty-six (36) month term of the contract is an amount not to exceed \$500,000.00 for each firm based on a total estimated project and non-specific work order expenditure of \$5,000,000.00. The contract may be extended for an additional twenty-four (24) month period. The County Administrator has delegated authority to increase the upset limits of contract purchase orders pertaining to these agreements pending the negotiated rates remain the same.

**Exhibits/Attachments:**

Sample Final Agreement  
Negotiated Rates of Consultants and Sub-consultants

# PROFESSIONAL SERVICES CONTINUING SERVICES SAMPLE AGREEMENT

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**SECTION 1  
INTENT OF AGREEMENT**

**AGREEMENT FOR PROFESSIONAL ENGINEERING FOR  
ENVIRONMENTAL & GEOTECHNICAL SERVICES**

THIS AGREEMENT, entered into on the \_\_\_\_ day of \_\_\_\_ 2012 between PINELLAS COUNTY, a political subdivision of the State of Florida, hereinafter referred to as the COUNTY, represented by its Board of County Commissioners, and Environmental Consulting Technology, Inc., d/b/a ECT, with offices in TAMPA, FL, hereinafter referred to as the CONSULTANT.

WITNESSETH, That:

WHEREAS, the COUNTY DEPARTMENT OF ENVIRONMENT AND INFRASTRUCTURE (DEI) requires **PROFESSIONAL ENGINEERING FOR ENVIRONMENTAL & GEOTECHNICAL SERVICES** associated with the County's Capital Improvement Programs (CIP) on an as needed basis, herein referred as PROJECT.

WHEREAS, the COUNTY desires the CONSULTANT provide PROFESSIONAL ENGINEERING FOR ENVIRONMENTAL & GEOTECHNICAL SERVICES requisite to the management needs of the COUNTY's DEI Department, and

WHEREAS, the CONSULTANT has expressed the willingness and ability to provide the aforementioned services on an as needed basis.

NOW THEREFORE, the COUNTY and the CONSULTANT, in consideration of the mutual covenants hereinafter set forth, agree as follows:

**SECTION 2  
GENERAL CONDITIONS AND PROFESSIONAL REQUIREMENTS**

**2.1 DESCRIPTION OF OVERALL REQUIRED SERVICES**

The CONSULTANT shall provide environmental and geotechnical engineering services for capital improvement projects. The specific services for each PROJECT will vary, and will be provided on a project by project basis.

**2.1.1 PROJECT DATA**

- A. Project Name: Environmental and Geotechnical Services
- B. Project Area: Countywide
- C. Project Location: Will be provided on a assignment-by-assignment basis

**2.1.2 ASSIGNMENT OF PROJECTS**

PROJECTS to be performed by the CONSULTANT shall be on an assignment-by-assignment basis. PROJECT assignments shall be made by the COUNTY'S Director of DEI or Designee. Prior to any PROJECT assignments being made, based on mutual discussions between the COUNTY and the CONSULTANT, the CONSULTANT shall prepare a detailed scope of work for the assignment, which shall include a not-to-exceed budget amount for the assignment. All PROJECT assignment authorizations by the COUNTY shall be in writing. The CONSULTANT shall perform no PROJECT assignment under this Agreement without written authorization. The CONSULTANT hereby agrees to waive any claim for compensation for any PROJECT performed without written authorization.

**2.1.3 The PROJECT requirements shall provide for the following:**

- A. The CONSULTANT shall perform environmental and geotechnical engineering services as required by the COUNTY. The services shall include, but are not limited to: field investigations, soil, sediment and water (ground and surface) sampling, geophysical investigations, laboratory testing and analysis, and reporting for various PROJECTS according to applicable regulatory standards and methods.
- B. Determine sample locations. Samples shall be located with references to permanent topographical features.
- C. Assist COUNTY with negotiations and maintaining compliance with regulatory agencies.
- D. Develop, design, permit, monitor and operate remediation systems of site rehabilitation efforts in compliance with regulatory and best management standards.
- E. Obtain core samples from water bodies for the purpose of characterizing the sediment. The characterizing shall include percent organics and percent passing a 200 sieve. In all cases, the minimum depth of each core sample shall be the depth that results in 80% recovery of the desired depth.
- F. Obtain bulk and grab sediment samples from water bodies for the purpose of measuring various parameters such as: metals, fecal coliform, total solids, volatiles, semi-volatile organics, pesticides, herbicides, and PCBs.
- G. Perform elutriate testing for the purpose of simulating dredging activities.

- H. Perform soil borings and test pits to characterize soil and evaluate subsurface conditions.
- I. Perform Standard Penetration Tests (SPT) borings, double-ring infiltrometer tests (DRIT), and Atterberg Limits testing (when clay is encountered).
- J. Install piezometers and temporary monitoring wells in compliance with appropriate regulatory standards and methodology.
- K. Obtain laboratory testing and analysis for samples in compliance with regulatory standards and methodology.
- L. All laboratory testing and engineering analysis shall be completed within twenty-one (21) business days after completion of the field work. The CONSULTANT shall inform the COUNTY of any delays in testing and/or laboratory analysis as soon as possible. The CONSULTANT shall verbally inform the COUNTY of testing and analytical results within two (2) business days of receipt of the results.
- M. Provide a report summarizing the findings. Depending on the specific services that are provided, the report shall include: a plot of the boring logs; a profile plot delineating the limits of rock, muck, plastic or other deleterious materials; a determination of hazardous/contamination or not hazardous/contamination; the elevation of the water table; the seasonal high ground water elevation; analytical reports from the laboratory and a summary table of the results; core sample logs; tidal information; a map of the sample locations; depths of samples; and recommendations. The recommendations shall include a determination of the suitability of the site, spoil material, or fill material, as it pertains to the PROJECT objective.
- N. One (1) draft report shall be submitted to the County Project Manager for review within five (5) business days of the CONSULTANT receiving all laboratory analyses. The COUNTY shall provide the CONSULTANT with review comments or approval of the draft report within ten (10) business days of receiving the draft report.
- O. The CONSULTANT shall provide four (4) copies of the final report, all signed and sealed by a Florida Licensed Professional Geologist or a Florida Licensed Professional Engineer, within five (5) business days of receiving approval from the COUNTY.
- P. Prior to commencing work under this Agreement, the CONSULTANT shall call "SUNSHINE" for the verification of utility locations. The COUNTY shall not be responsible for the verification of utility locations. Where samples are required on private property, the CONSULTANT shall provide reasonable notice to the property owner of intent in accordance with Florida Statute 336.274.
- Q. All areas within proposed construction limits shall be thoroughly inspected for indications of the presence of toxic or hazardous waste material, and all samples of material collected during geotechnical investigations shall be examined for indications of such material.
- R. Field investigations, analyses, and data furnished to the COUNTY by the CONSULTANT shall be fully adequate for the purposes of design and construction, and the presentation of appropriate information to the Consultant or regulatory agency.
- S. All exploration and testing activities must be supervised by a Florida Licensed Professional Geotechnical Engineer or Florida Licensed Professional Geologist.

- T. All contact and coordination for services shall be through the COUNTY's Project Manager, who will be determined on a project by project basis, to insure continuity of effort and communications.
- U. Minor deviations from the proposed sample locations will be permissible for the purpose of avoiding permanent obstacles, providing the general scope and pattern of coverage is maintained.
- V. The methods and equipment used in obtaining the samples shall be consistent with the purposes for which the samples are to be obtained.

2.1.4 The unit prices shown in Exhibit A shall include the cost of all labor and equipment used in collecting samples, testing, analysis, and reporting.

## 2.2 ASSIGNMENT OF WORK

Work to be performed by the CONSULTANT shall be on an assignment-by-assignment basis. PROJECT assignments shall be made by the COUNTY's Director of DEI or Designee. Prior to any PROJECT assignments being made, based on mutual discussions between the COUNTY and the CONSULTANT, the CONSULTANT shall prepare a detailed scope of work for the assignment which shall include a not to exceed budget amount for the assignment. All PROJECT assignment authorizations by the COUNTY shall be in writing. The CONSULTANT shall perform no work under this Agreement without written authorization. The CONSULTANT hereby agrees to waive any claim for compensation for any work performed without written authorization.

## 2.3 CONSULTING RESPONSIBILITIES

- A. It is the intention of the COUNTY that the CONSULTANT is held accountable for its work, including checking and plans review, and that submittals are complete.
- B. The CONSULTANT shall be responsible for the accuracy of the work and shall promptly correct its errors and omissions without additional compensation. Acceptance of the work by the COUNTY will not relieve the CONSULTANT of the responsibility for subsequent correction of any errors and the clarification of any ambiguities.
- C. The CONSULTANT represents that it has secured or will secure all personnel necessary to complete this Agreement; none of whom shall be employees of or have any contractual relationship with the COUNTY. Primary liaison with the COUNTY will be through the CONSULTANT'S Project Manager. All of the services required herein will be performed by the CONSULTANT or under the CONSULTANT'S supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under law to perform such services.
- D. The CONSULTANT shall sign and seal all reports, calculations, contract plans, and survey data. Services shall be prepared under the direction of a Professional Geologist, Professional Engineer or Professional Land Surveyor registered in the State of Florida and qualified in the required discipline.
- E. The CONSULTANT shall be responsible for the preparation of a PROJECT design schedule, which shows a breakdown of all tasks to be performed, and their relationship in achieving the completion of each phase of work. A bar chart schedule showing overall PROJECT time frames should also be prepared. These schedules must be submitted for COUNTY approval within ten (10) days of the initial PROJECT Notice to Proceed. These schedules will be used to verify CONSULTANT performance in relationship to Fees claimed and to allow the COUNTY's Project Manager to monitor the CONSULTANT'S efforts. The CONSULTANT shall be responsible for any updates to these schedules and for documenting in writing to the COUNTY any major deviations in the actual versus estimated PROJECT time frames.

- F. The CONSULTANT shall respond, in writing, to all review comments made by the COUNTY, within ten (10) days of their receipt, and shall incorporate appropriate design adjustments resulting from the review exchange into the project, in the next scheduled submittal.

## 2.4 GOVERNING SPECIFICATIONS, REGULATIONS AND PERTINENT DOCUMENTS

The PROJECT shall be designed by the CONSULTANT in accordance with applicable industry standards. The CONSULTANT shall be responsible for utilizing and maintaining current knowledge of any laws, ordinances, codes, rules, regulations, standards, guidelines, special conditions, specifications, or other mandates relevant to the PROJECT or the services to be performed.

## 2.5 KEY PERSONNEL

The individual(s) who are to be assigned to work under this Agreement are necessary for the successful performance of this Agreement. The CONSULTANT agrees that whenever, for any reason, one more of the aforementioned individuals are unavailable for performance under this Agreement, the CONSULTANT shall replace such individual(s) with an individual(s) of substantially equal abilities and qualifications.

The CONSULTANT shall submit to the COUNTY a resume giving the full name, title, qualifications, and experience, for all successors and/or new persons prior to assignment of such personnel to perform work under this Agreement. Should the COUNTY decide the successor personnel does not meet the qualifications of the replaced personnel, or in the case of new personnel, the COUNTY determines they are not qualified to perform the work assigned, the COUNTY will advise the CONSULTANT accordingly. The CONSULTANT shall then submit name(s) and qualifications of an individual(s) to the COUNTY until a determination is made by the COUNTY that the replacement meets equivalent or required qualifications.

## **SECTION 3 SERVICES TO BE FURNISHED BY THE CONSULTANT**

### 3.1 SERVICES

- 3.1.1 The CONSULTANT shall furnish all services, equipment and manpower necessary for the PROJECT Assignment in accordance with the intent of the AGREEMENT.
- 3.1.2 If required, design activities shall be supported by design calculations properly identified as to subject and topic. Design references and any assumptions shall be noted. Calculations, if required, shall be in conformance with standard engineering practices. Design notes and computations shall be bound in suitable booklet form, and booklet shall be properly indexed as to content. All documents shall receive Quality Control Checks and Reviews.
- 3.1.3 If require, the CONSULTANT shall provide a file of the proposed design in AutoCAD latest version supported by Pinellas County, complete with all objects depicted according to software requirements.
- 3.1.4 The CONSULTANT shall provide the following, if requested:
  - A. Support to COUNTY staff in development of a scope of services.
  - B. Reviews of plan submittals, engineering calculations, schedules and other technical documents.
  - C. Quality control and constructability reviews of plans.

- D. Project Implementation Services for design such as: Infrastructure studies and investigations, project scope preparation, project design, conduct/assist in Public Information Meetings, Utility Coordination, Land Surveying Services, Geotechnical Services, Access Connection and Environmental Permitting Services, Cost Estimating, Railroad Coordination, Construction Engineering and Inspection.
  - E. Project Management support and preparation of independent cost estimates.
  - F. Status meetings at a minimum of one each month.
  - G. Any other miscellaneous engineering services requirement by the COUNTY as directed by COUNTY's designated Director or Designee who is a COUNTY Employee.
- 3.1.5 Design Phase (Services to be defined with each specific PROJECT assignment).
  - 3.1.6 Bidding Phase (Services to be defined with each specific PROJECT assignment).
  - 3.1.7 Other Engineering Services. (Services to be defined with each specific PROJECT assignment).
    - a. Survey Work – Assist the COUNTY in conducting surveys as needed. All surveys shall be certified by a Professional Land Surveyor (PLS).
    - b. Copy and Reproduction Support – Assist the COUNTY in production support of major documents such as permit applications, environmental studies, design modifications and closure plans.
    - c. Miscellaneous Figures, As-built Drawings, Maps – Prepare figures, design drawings, maps, specifications, as-builts, etc., for the COUNTY when requested. All design support shall be performed on Auto-Cadd, latest version.

3.2 GENERAL SERVICES/SUPPORT TO COUNTY AS NEEDED

The CONSULTANT shall also provide miscellaneous services not otherwise described, but required by the COUNTY during the course of this Agreement. Examples could include presentations to local government, citizen groups and regulatory agencies, or any other tasks associated with the COUNTY's operations.

**SECTION 4  
PERFORMANCE SCHEDULES**

The CONSULTANT shall plan and execute the performance of all services provided for under this Agreement in such a manner as to insure their proper and timely completion in accordance with the following:

- A. The PROJECT Assignments to be performed by the CONSULTANT shall commence upon receipt, from the COUNTY, of a written Notice to Proceed from the COUNTY's Director of DEI or Designee who is a COUNTY employee.
- B. The CONSULTANT'S Performance Schedule for any authorized PROJECT Assignments shall be established upon the COUNTY's acceptance and approval of a detailed schedule to be submitted, by the CONSULTANT, prior to each assignment.

**SECTION 5  
INFORMATION AND SERVICES TO BE FURNISHED BY THE COUNTY**

- 5.1 The COUNTY shall provide the following for the CONSULTANT'S use and guidance:

- A. Copies of existing maps, existing aerial photographs, as-built construction plans, proposed construction plans and data pertinent to work assignments, which the COUNTY may have in its possession.
- B. Sample copies of the COUNTY standard contract documents and specifications, if required.

**SECTION 6  
PAYMENT SCHEDULE/INVOICING REQUIREMENTS**

6.1 The COUNTY shall make payments to the CONSULTANT for work performed in accordance with the Local Government Prompt Payment Act, F.S. section 218.70 et. seq.

6.2 Should an invoiced amount for fees earned appear to exceed the work effort believed to be completed, or not to exceed amount approved, the COUNTY may, prior to processing of the invoice for payment, require the CONSULTANT to submit satisfactory evidence to support the invoice. All invoices requesting payment for reimbursable or expense items (as defined in Section 7) must have copies of actual billings, invoices, or receipts attached which support the amount invoiced.

6.3 The CONSULTANT shall provide a progress report with each invoice in a format to be provided by the COUNTY. The progress report shall include a written narrative describing the work performed that period, and the work planned to be completed the following period. All progress reports shall be mailed to the attention of the designated Project Manager.

6.4 SUPPLIER shall submit invoices for payment due as provided herein with such documentation as required by Pinellas County and all payments shall be made in accordance with the requirements of Section 218.70 et. seq, Florida Statutes, "The Local Government Prompt Payment Act." Invoices shall be submitted to the address below unless instructed otherwise on the purchase order, or if no purchase order, by the ordering department:

Finance Division Accounts Payable  
Pinellas County Board of County Commissioners  
P. O. Box 2438  
Clearwater, FL 33757

Each invoice shall include, at a minimum, the Supplier's name, contact information and the standard purchase order number. The County may dispute any payments invoiced by SUPPLIER in accordance with the County's Dispute Resolution Process for Invoiced Payments, established in accordance with Section 218.76, Florida Statutes, and any such disputes shall be resolved in accordance with the County's Dispute Resolution Process

**SECTION 7  
COMPENSATION TO THE CONSULTANT**

7.1 The COUNTY shall compensate the CONSULTANT for authorized PROJECT Assignments using the following methods of compensation. The method of compensation shall be determined by the COUNTY based on the PROJECT Assignment to be performed.

- A. For PROJECT Assignments where the scope can be reasonably defined, and have a specific time frame, compensation shall be a lump sum fee negotiated and agreed upon prior to the assignment's authorization. This fee shall be the total and complete amount payable to the CONSULTANT for performance of the PROJECT Assignment and shall include the cost of all labor, overhead, profit, and expenses of any nature.
- B. For indeterminate PROJECT Assignments, compensation shall be on a hourly rate basis, Compensation shall be for the actual work performed in accordance with the schedule of rate value attached to this AGREEMENT and incorporated herein as Exhibit A.

7.2 The upset limit for all compensation to be paid under the maximum **thirty-six (36) months** term of this Agreement is an amount not to exceed **five hundred thousand dollars (\$500,000.00)**. Total payments to the CONSULTANT may not exceed this amount without Board of County Commissioners or County Administrator's approval to raise this upset limit. This AGREEMENT contains **one (1) additional twenty-four (24) month** term extension option, based upon performance, beyond the primary AGREEMENT period.

7.3 In the event that this Agreement is terminated under the provisions of this contract the total and complete compensation due the CONSULTANT shall be as established by the COUNTY based on the COUNTY'S determination of the percentage of work effort completed to date of termination.

## **SECTION 8 PROJECT ASSIGNMENTS**

8.1 The COUNTY and the CONSULTANT shall mutually agree on scope of services based on individual PROJECT Assignments as needed throughout the AGREEMENT term.

8.2 The CONSULTANT shall perform no services contemplated to merit compensation beyond that provided for in detailed **PROJECT Assignments** unless such services and compensation therefore, shall be provided for by appropriate written authorization via a change order to the **PROJECT Assignment**. Such change orders will be issued by the Board of County Commissioners' Purchasing Department.

## **SECTION 9 ASSIGNMENT/SUBCONTRACTING/CORPORATE ACQUISITIONS AND/OR MERGERS**

9.1 The CONSULTANT shall perform this contract. No assignment or subcontracting shall be allowed without prior written consent of the COUNTY. If a proposer intends to subcontract a portion of this work, the proposer must disclose that intent to the COUNTY. In the event of a corporate acquisition and/or merger, the CONSULTANT shall provide written notice to the COUNTY within thirty (30) business days of CONSULTANT's notice of such action or upon the occurrence of said action, whichever occurs first. The right to terminate this contract, which shall not be unreasonably exercised by the COUNTY, shall include, but not be limited to, instances in which a corporate acquisition and/or merger represent a conflict of interest or are contrary to any local, state, or federal laws.

9.2 The COUNTY reserves the right to review the qualifications of any and all subconsulting, and to reject any subconsultant in a proper and timely manner, deemed not qualified to perform the services for which it shall have been engaged.

## **SECTION 10 SATISFACTORY PERFORMANCE**

All services to be provided by the CONSULTANT under the provisions of this Agreement, including services to be provided by subconsultants, shall be performed to the reasonable satisfaction of the COUNTY'S designated departmental Director or designed.

## **SECTION 11 RESOLUTION OF DISAGREEMENTS**

11.1 The COUNTY shall reasonably decide all questions and disputes, of any nature whatsoever, that may arise in the execution and fulfillment of the services provided for under this Agreement.

11.2 The decision of the COUNTY upon all claims, questions, disputes and conflicts shall be final and conclusive, and shall be binding upon all parties to this Agreement, subject to judicial review.

**SECTION 12  
CONSULTANTS ACCOUNTING RECORDS**

12.1 Records of expenses pertaining to all services performed shall be kept in accordance with generally accepted accounting principles and procedures.

12.2 The CONSULTANT'S records shall be open to inspection and subject to examination, audit, and/or reproduction during normal working hours by the COUNTY'S agent or authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the CONSULTANT or any of his payees pursuant to the execution of the Agreement. These records shall include, but not be limited to, accounting records, written policies and procedures, subconsultant files (including proposals of successful and unsuccessful bidders), original estimates, estimating worksheets, correspondence, change order files (including documentation covering negotiated settlements), and any other supporting evidence necessary to substantiate charges related to this Agreement. They shall also include, but not be limited to, those records necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with this Agreement. The COUNTY shall not audit payroll and expense records on task assignments paid by lump sum fee.

12.3 The COUNTY reserves the privilege of auditing a vendor's records as such records relate to purchases between the COUNTY and said vendor. Such audit privilege is provided for within the text of the Pinellas County Code 2-176(j). Records should be maintained for three years from the date of final payment.

12.4 The COUNTY'S agent or authorized representative shall have access to the CONSULTANT'S facilities and all necessary records in order to conduct audits in compliance with this Section. The COUNTY'S agent or authorized representative shall give the CONSULTANT reasonable advance notice of intended inspections, examinations, and/or audits.

**SECTION 13  
OWNERSHIP OF PROJECT DOCUMENTS**

Upon completion or termination of this Agreement,

13.1 Drawings, specifications, designs, models, photographs, reports, surveys, calculations, and other data provided in connection with this Agreement are and shall remain the property of the COUNTY whether the project for which they are made is executed or not. Such finished or unfinished documents, data, calculations, studies, surveys, specifications, drawings, maps, models, photographs and reports prepared by the Consultant shall be delivered by the Consultant to the COUNTY at the conclusion of the project or the termination of the Consultant's services.

13.2 The CONSULTANT at its own expense may retain copies for its files and internal use.

**SECTION 14  
INSURANCE COVERAGE**

The Contracted vendor shall obtain and maintain, and require any sub-contractors to obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth below. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and have a "Bests" rating of at least A-VIII. Within ten (10) days calendar days after contractor receipt of notice of award, the Contractor shall provide the County with properly executed Certificates of Insurance to evidence compliance with the insurance requirements of the agreement. The Certificate(s) of Insurance shall be signed by authorized representatives of the insurance companies shown on the Certificate(s). A copy of the endorsement(s) referenced in paragraph 3 for Additional Insured shall be attached to the certificate(s).

All insurance coverages of the Contractor shall be primary and non-contributory of the insurance or self insurance programs carried by the County. Receipt of the certificate of insurance by the County of any Certificate of Insurance does not constitute approval of agreement by the County that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate of Insurance is in compliance with the requirements of the Agreement.

No work shall commence at any project site unless and until the required Certificate(s) of Insurance are received and approved by the County.

All liability insurance policies, other than professional liability, worker's compensation and employer's liability policies obtained by the Contractor to meet the requirements of the Agreement shall be endorsed to include Pinellas County Board of County Commissioners as an Additional Insured.

If any insurance provided pursuant to the Agreement expires prior to the completion of the Work, renewal Certificates of Insurance and endorsements and, if requested by the County, certified true copies of the renewal policies, shall be furnished by the Contractor to the County within thirty (30) days prior to the expiration date.

Contracted vendor shall also notify County within twenty - four (24) hours after receipt, of any notices of expiration, cancellation, non-renewal or material change in coverage received by said Contractor from its insurer by certified mail to: Pinellas County Purchasing Department, 400 S. Ft. Harrison Avenue, 6th Floor, Clearwater, Florida 33756; and nothing contained herein shall absolve Contractor of this requirement to provide notice.

Should the Contractor, at any time, not maintain the insurance coverage's required herein, the County may terminate the Agreement, or at its sole discretion be authorized to purchase such coverage's and charge the Contractor for such purchase. The County shall be under no obligation to purchase such insurance, nor shall it be responsible for the coverage's purchased or the insurance company or companies used. The decision of the County to purchase such insurance shall in no way be construed to be a waiver of any of its rights under the Agreement.

The Contractor shall submit to the County Department of Risk Management a copy of all accident reports arising out of any injuries to its employees or those of its subcontractors, or any personal injuries or property damage arising or alleged to have arisen on account of any Work under the Agreement.

The insurance requirements for this Agreement, which shall remain in effect throughout its duration, are as follows:

(A) Workers' Compensation

Limit

Employers Liability Limits

Per Employee	\$ 500,000
Per Employee Disease	\$ 500,000
Policy Limit Disease	\$ 500,000

(B) Commercial General Liability Insurance including, but not limited to, Independent Contractor, Contractual Liability (covering the liability assumed under indemnification provisions of this contract) Premises/Operations, Products/Completed Operation and Personal Injury. Commercial General Liability policy must not contain any sexual misconduct or physical abuse exclusions. If such an exclusion is included in the policy, a separate Sexual Misconduct and Physical Abuse Liability Policy must be provided with the same limits as the Commercial General Liability Limits.

Limits

General Aggregate	\$ 1,000,000
Personal Injury and Adv Inj	\$ 1,000,000
Each Occurrence	\$ 1,000,000

- (C) Business Automobile or Trucker's/Garage liability covering owned, hired and non-owned vehicles. Coverage shall be on an "occurrence" basis, such insurance to include coverage for loading and unloading hazards, unless Contractor can show that his coverage exists under the Commercial General Liability policy.

Limit

Per Accident	\$ 1,000,000
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- (D) Professional Liability with at least minimum limits as follows:

Limits

Each Occurrence	\$ 1,000,000
Aggregate	\$ 2,000,000

Each insurance policy shall include the following conditions by endorsement to the policy:

- (1) Companies issuing the insurance policy, or policies, shall have no recourse against County for payment of premiums or assessments for any deductibles which all are at the sole responsibility and risk of Contractor.
- (2) The term "County" or "Pinellas County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County.
- (3) **Pinellas County shall be endorsed** to the required policy or policies as an Additional Insured. The policy clause "Other Insurance" shall not apply to any insurance coverage currently held by County to any such future coverage, or to County's Self-Insured Retention's of whatever nature. Copy of endorsement must be provided with certificate of insurance as proof of coverage.
- (4) All policies shall be written on a primary, non-contributory basis
- (5) Any certificate of insurance evidencing coverage provided by a leasing company for either workers compensation or commercial general liability shall have a list of covered employees certified by the leasing company attached to the certificate of insurance.
- (6) Insurance policies shall include waivers of subrogation in favor of Pinellas County.

**SECTION 15  
EQUAL EMPLOYMENT OPPORTUNITY CLAUSE FOR CONTRACTS  
NOT SUBJECT TO EXECUTIVE ORDER 11246**

In carrying out the contract, the CONSULTANT shall not discriminate against employees or applicants for employment because of race, color, religion, sex or national origin.

**SECTION 16  
INDEPENDENT CONTRACTOR STATUS AND COMPLIANCE WITH THE  
IMMIGRATION REFORM AND CONTROL ACT OF 1986**

Consultant acknowledges that it is functioning as an independent contractor in performing under the terms of this contract, and it is not acting as an employee of Pinellas County. The consultant acknowledges that it is responsible for complying with the provisions of the Immigration Reform and Control Act of 1986, located at 8 U.S.C. Section 1324, et seq., and regulations relating thereto. Failure to comply with the above provisions of the contract shall be considered a material breach and shall be grounds for immediate termination of the contract.

**SECTION 17  
PROHIBITION AGAINST CONTINGENT FEE**

The CONSULTANT warrants that he has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT to solicit or secure this contract and that he has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, gift or any other consideration, contingent upon or resulting from the award or making of this contract.

**SECTION 18  
TRUTH IN NEGOTIATIONS**

The CONSULTANT certifies to truth-in-negotiation and that wage rates and other factual unit costs supporting the compensation are accurate, complete and current at the time of contracting. Further, the original contract amount and any additions thereto shall be adjusted to exclude any significant sums where the COUNTY determines the contract price was increased due to inaccurate, incomplete or non-current wage rates and other factual unit costs. Such adjustments must be made within one (1) year following the end of the contract.

**SECTION 19  
SUCCESSORS AND ASSIGNS**

The CONSULTANT shall not assign, sublet, or transfer his interest in this AGREEMENT without the written consent of the COUNTY.

**SECTION 20  
INDEMNIFICATION**

20.1 The first ten dollars (\$10) of compensation received by the Consultant pursuant to this contract represents specific consideration for the following indemnification: Consultant shall indemnify, pay the cost of defense, including attorneys' fees, and hold harmless the County from all suits, actions or claims of any character brought on account of any injuries or damages received or sustained by any person, persons or property by or from the said Consultant; or by, or in consequence of any neglect in safeguarding the work; or through the use of unacceptable materials in the construction of improvements; or by, or on account of any act or omission, neglect or misconduct of the said Consultant; or by, or on account of, any claim or amounts recovered under the "Workers' Compensation Law" or of any other laws, by-laws, ordinance, order or decree, except only such injury or damage as shall have been occasioned by the sole negligence of the County.

20.2 Unless specifically prohibited by Florida Law, the successful bidder(s) agrees to indemnify the County and hold it harmless from and against all claims, liability, loss, damage or expense, including counsel fees, arising from or by reason of any actual or claimed trademark, patent or copyright infringement or litigation based thereon, with respect to the goods or any part thereof covered by this order, and such obligation shall survive acceptance of the goods and payment thereof by the County.

The duty to defend under this Article is independent and separate from the duty to indemnify, and the duty to defend exists regardless of any ultimate liability of the CONSULTANT, the COUNTY and any indemnified party. The duty to defend arises immediately upon presentation of a claim by any party and written notice of such claim being provided to the CONSULTANT. The CONSULTANT'S obligation to indemnify and defend under this Article will survive the expiration or earlier termination of this Agreement until it is determined by final judgment that an action against the COUNTY or an indemnified party for the matter indemnified hereunder is fully and finally barred by the applicable statute of limitations.

## **SECTION 21 INTEREST ON JUDGMENTS**

In the event of any disputes between the parties to this Agreement, including without limitations thereto, their assignees and/or assigns, arising out of or relating in any way to this Agreement, which results in litigation and a subsequent judgment, award or decree against either party, it is agreed that any entitlement to post judgment interest, to either party and/or their attorneys, shall be fixed by the proper court at the rate of five percent (5%), per annum, simple interest. Under no circumstances shall either party be entitled to pre-judgment interest. The parties expressly acknowledge and, to the extent allowed by law, hereby opt out of any provision of federal or state statute not in agreement with this paragraph.

## **SECTION 22 TERMINATION OF AGREEMENT**

22.1 Pinellas County reserves the right to terminate this contract without cause by giving thirty (30) days prior notice to the CONSULTANT in writing of the intention to terminate or with cause if at any time the CONSULTANT fails to fulfill or abide by any of the terms or conditions specified.

22.2 Failure of the CONSULTANT to comply with any of the provisions of this Agreement shall be considered a material breach of Agreement and shall be cause for immediate termination of the Agreement at the discretion of Pinellas County.

22.3 In the event sufficient budgeted funds are not available for a new fiscal period, the COUNTY shall notify the Bidder of such occurrence and Agreement shall terminate on the last day of current fiscal period without penalty or expense to the COUNTY.

22.4 In addition to all other legal remedies available to Pinellas County, Pinellas County reserves the right to terminate and obtain from another source, any items which have not been delivered within the period of time stated in the proposal, or if no such time is stated, within a reasonable period of time from the date of order as determined by Pinellas County.

## **SECTION 23 AGREEMENT TERM**

23.1 This Agreement will become effective on the date of execution first written above and shall remain in effect for **three (3) years**, unless terminated at an earlier date under other provisions of this Agreement, or unless extended for a longer term by amendment. The negotiated rates shall remain fixed for the first **three (3)\_year** term however, the COUNTY reserves the right to re-negotiate rates based on current market conditions. The hourly rates provided are fully loaded and include all labor, overhead, expenses and profit of any nature including travel within the Tampa Bay metropolitan Statistical area. Travel outside of the Tampa Bay Metropolitan Statistical Area will be reimbursed in accordance with Section 112.061 F.S.

23.2 This AGREEMENT may exercise a term extension subject to written notice of agreement from the County Administrator and CONSULTANT, for **one (1) additional twenty-four (24) month** term extension, beyond the primary AGREEMENT period. This term extension shall be exercised only if all terms and conditions remain the same. Rates will be subject to negotiation based on current market conditions.

#### **SECTION 24 CONFLICT OF INTEREST**

24.1 By accepting award of this Contract, the CONSULTANT, which shall include its directors, officers and employees, represents that it presently has no interest in and shall acquire no interest in any business or activity which would conflict in any manner with the performance of services required hereunder, including as described in the CONSULTANT'S own professional ethical requirements. An interest in a business or activity which shall be deemed a conflict includes but is not limited to direct financial interest in any of the material and equipment manufacturers suppliers, distributors, or CONSULTANTS who will be eligible to supply material and equipment for the PROJECT for which the CONSULTANT is furnishing its services required hereunder.

24.2 If, in the sole discretion of the County Administrator or designee, a conflict of interest is deemed to exist or arise during the term of the contract, the County Administrator or designee may cancel this contract, effective upon the date so stated in the Written Notice of Cancellation, without penalty to the COUNTY.

#### **SECTION 25 EXTENT OF AGREEMENT**

This Agreement represents, together with the RFP, Addenda, the proposer's response, any Exhibits, the entire written Agreement between the COUNTY and the CONSULTANT and may be amended only by written instrument signed by both the COUNTY and the CONSULTANT.

#### **SECTION 26 PUBLIC ENTITY CRIMES**

The CONSULTANT is directed to the Florida Public Entity Crime Act, §287.133, Florida Statutes, and the COUNTY's requirement that the successful proposer comply with it in all respects prior to and during the term of this contract.

**SECTION 27  
GOVERNING LAW AND AGREEMENT EXECUTION**

This Agreement shall be governed by the laws of the State of Florida.

IN WITNESS WHEREOF, the parties herein have executed this Agreement as of the day and year first written above.

Environmental Consulting Technology, Inc., d/b/a  
ECT

PINELLAS COUNTY, by and through its Board of  
County Commissioners

By: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_ Date: \_\_\_\_\_

By: \_\_\_\_\_  
Chairman Date: \_\_\_\_\_

ATTEST:

ATTEST:  
Ken Burke, Clerk of the Circuit Court

By: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_ Date: \_\_\_\_\_

By: \_\_\_\_\_  
Deputy Clerk Date: \_\_\_\_\_

(CORPORATE SEAL)

APPROVAL AS TO FORM:

By: Michelle Wallace  
Office of the County Attorney



## Exhibit A - Fee Schedule

PERSONNEL		RATES		
		Unit	Hourly	
Description	Classification			
Senior Professional Engineer	300	Hour	\$176.83	
Senior Geotechnical Engineer	305	Hour	\$152.28	
Professional Engineer	315	Hour	\$126.60	
Senior Professional Geologist	405	Hour	\$113.03	
Project Engineer	350	Hour	\$85.78	
Professional Geologist	415	Hour	\$82.18	
Senior Engineering Technician	741	Hour	\$81.12	
Staff Geologist	430	Hour	\$61.13	
Environmental Specialist	541	Hour	\$58.76	
Senior Driller	730	Hour	\$57.39	
Drafting Technician	815	Hour	\$54.37	
Administrative Assistant	903	Hour	\$43.67	
Environmental Technician	753	Hour	\$42.16	
Field Construction Technician	750	Hour	\$36.47	
Engineering Technician	754	Hour	\$36.04	
Driller Assistant	755	Hour	\$33.73	

ENVIRONMENTAL		RATES				
		Unit	Hourly	Daily	Weekly	Monthly
<b>RENTAL EQUIPMENT COST</b>						
Indoor Air Quality monitoring kit	Each		\$185.00	\$555.00	\$1,665.00	
Asbestos Sampling Toolkit	Each		\$185.00	\$555.00	\$1,665.00	
Organic Vapor Analyzer	Each		\$200.00	\$600.00	\$1,800.00	
LEL/Multi-gas Meter	Each		\$50.00	\$150.00	\$450.00	
Manometer	Each		\$25.00	\$75.00	\$225.00	
pH Meter	Each		\$20.00	\$60.00	\$180.00	
Conductivity Meter	Each		\$20.00	\$60.00	\$180.00	
DO Meter	Each		\$20.00	\$60.00	\$180.00	
ORP Meter	Each		\$20.00	\$60.00	\$180.00	
Turbidimeter	Each		\$100.00	\$300.00	\$900.00	
Peristaltic Pump	Each		\$20.00	\$60.00	\$180.00	
Whaler Pump	Each		\$20.00	\$60.00	\$180.00	
Water Level Indicator	Each		\$10.00	\$30.00	\$90.00	
<b>EXPENDABLES</b>						
55 gallon drum	Each		\$55.00			
Drum Label	Each		\$0.50			
2-inch Well Screen (5 foot section)	Each		\$15.00			
2-inch Well Casing Solid (5 foot section)	Each		\$6.50			
2-inch Well Point	Each		\$6.00			
Polyethylene Tubing	Foot		\$0.25			
Teflon Tubing	Foot		\$4.25			
Silicon Tubing	Foot		\$2.05			
Disposable Filter	Each		\$18.75			
Product Bailer	Each		\$10.00			

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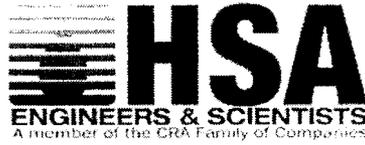


SUBSURFACE EXPLORATION		Unit	Hourly	RATES		
				Daily	Weekly	Monthly
1	Mobilization of Men & Equipment					
	Truck-Mounted, Trailer-Mounted, or Limited Access Drill Rig					
	Distance of site from Tampa Office					
	Pinellas County	Each	-	\$225	-	-
	30 to 75 Miles	Each	-	\$350	-	-
	75 to 125 Miles	Each	-	\$500	-	-
	125+ Miles	Each	-	Quoted	-	-
2	Standard Penetration Test (SPT) borings					
	Truck or Trailer Mounted drill rig - 0 to 25 Feet	LF	-	\$10	-	-
	Truck or Trailer Mounted drill rig - 25 to 50 Feet	LF	-	\$12	-	-
	Truck or Trailer Mounted drill rig - 50 to 100 Feet	LF	-	\$14	-	-
	Truck or Trailer Mounted drill rig - 100 to 150 Feet	LF	-	\$16	-	-
	Truck or Trailer Mounted drill rig - 150+	LF	-	Quoted	-	-
	Borehole Logging - Technician or Staff Geologist	Hour	-	\$50	-	-
	Limited-Access drill rig - 0 to 25 Feet	LF	-	\$12	-	-
	Limited-Access drill rig - 25 to 50 Feet	LF	-	\$14	-	-
	Limited-Access drill rig - 50 to 100 Feet	LF	-	\$16	-	-
	Limited-Access drill rig - 100 to 150 Feet	LF	-	\$18	-	-
3	Tripod Drilling Equipment & Crew	Hour	-	\$175	-	-
4	Temporary Steel Casing - Up to 4" Diameter					
	0 to 20 Feet	LF	-	\$4.00	-	-
	20 to 50 Feet	LF	-	\$60.00	-	-
	50 to 100 Feet	LF	-	\$7.75	-	-
5	Rock Coring (Acc Pilot Hole and Casing Installation)					
	0 to 50 Feet	LF	-	\$30	-	-
	50 to 100 Feet	LF	-	\$50	-	-
6	Thin-Walled Tube Samples					
	Shelby Tube - ASTM D 1587	Each	-	\$100	-	-
	Piston Sampler - ASTM D 6519	Each	-	\$150	-	-
7	Seal Boreholes with Cement/Bentonite (per bag)					
	Cement/Bentonite	Sack	-	\$18	-	-
	Crew Time	Crew Hour	-	\$150	-	-
8	Auger Borings (Machine or Manual)	LF	-	\$8	-	-
9	Engineering Technician or Staff Geologist - Bore Hole Logging	Hour	-	\$50	-	-
10	Double Ring Infiltration Test (ASTM D 3385) - 0 to 3 Feet Deep Test Pit	Each	-	\$500	-	-
11	Drill Rig and Crew Stand-by Time	Hour	-	\$150	-	-
12	Equipment Rental			Cost + 15%		
13	Per Diem	Per Person, Per Day	-	\$100	-	-

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LABORATORY TESTING		Unit	Hourly	Daily	Weekly	Monthly
1	Laboratory Manager	Hour	-	\$60	-	-
2	Laboratory Soil Index Property Testing					
	Atterberg Limits – ASTM D 4318	Each		\$90	-	-
	Organic Content – ASTM D 2974	Each		\$30	-	-
	Particle Size Analysis (Granular) – ASTM D 422 (requires -200 wash)	Each		\$50	-	-
	Particle Size Analysis (Hydrometer) – ASTM D 422-63	Each		\$125	-	-
	-200 Wash – ASTM D 1140	Each		\$30	-	-
	Moisture Content – ASTM D 2216	Each		\$10	-	-
	Specific Gravity of Soils – ASTM D 854-06	Each		\$90	-	-
	Extrusion and Classification of Thin-Walled Tube Samples	Each		\$35	-	-
	Soils Resistivity – ASTM G187-05	Each		\$25	-	-
	Soils Acidity (pH) – ASTM G51	Each		\$10	-	-
	Soil Corrosivity Index (AWWA C-105)	Each		\$40	-	-
	Soil Sulfate Concentration (ppm) – AASHTO T290	Each		\$95	-	-
	Soil Chloride Concentration (ppm) – AASHTO T291	Each		\$35	-	-
3	Consolidation Testing					
	1-D Consolidation Test – ASTM D 2435-03 (each, up to 10 points)	Each		\$450	-	-
	Per Additional Load or Unload Increment Beyond 10	Each		\$50	-	-
4	Permeability Testing					
	Falling Head Test – ASTM D 2434 ( $K_v \geq 1 \times 10^{-5}$ cm./sec.)	Each		\$125	-	-
	Constant Head Test – ASTM D 2434 ( $K_v \geq 1 \times 10^{-5}$ cm./sec.)	Each		\$250	-	-
	Constant Head Test – ASTM D 5084 ( $K_v < 1 \times 10^{-5}$ cm./sec.)	Each		\$300	-	-
	Constant Head Test – ASTM D 5084 ( $K_v < 1 \times 10^{-8}$ cm./sec.)	Each		\$450	-	-
5	Triaxial Testing					
	Unconsolidated-Undrained – ASTM D 2850 (UU) Test	Each		\$300	-	-
	Consolidated-Undrained – ASTM D 4767 (CU) Test	Each		\$525	-	-
	Consolidated-Drained (CD) Test	Each		\$775	-	-
6	Chemical Testing					
	Corrosion Test Series – pH, resistivity, chlorides and sulfates	Each		\$250	-	-
7	Rock Core Testing					
	Unconfined Compression Test – ASTM D 7012-07	Each		\$50	-	-
	Rock Quality Designation (RQD) – ASTM D 6032-02 (each 5' run)	Each		\$35	-	-
	Splitting Tensile Test – ASTM D 3967	Each		\$75	-	-

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<b>Classification</b>	<b>Unit</b>	<b>Rate</b>
<b>Civil Engineering</b>		
Project Director	Hour	\$ 175.00
Project Manager	Hour	\$ 148.11
Project Engineer	Hour	\$ 95.41
Project Designer	Hour	\$ 74.96
Technical Drafting	Hour	\$ 67.66
Secretarial/ Word Processing	Hour	\$ 58.50
<b>Architect</b>		
Project Director	Hour	\$ 232.15
Project Manager	Hour	\$ 153.92
Lead Architect	Hour	\$ 126.70
Architect	Hour	\$ 100.81
Technical Drafting	Hour	\$ 69.38
Secretarial/ Word Processing	Hour	\$ 58.50
<b>Landscape Architect</b>		
Project Director	Hour	\$ 180.00
Project Manager	Hour	\$ 120.00
Principal Landscape Architect/Planner	Hour	\$ 155.00
Senior Landscape Architect IV/Planner IV	Hour	\$ 143.00
Senior Landscape Architect III/Planner III	Hour	\$ 125.00
Senior Landscape Architect II/Planner II	Hour	\$ 115.00
Senior Landscape Architect I/Planner I	Hour	\$ 100.00
Landscape Architect II/Planner II	Hour	\$ 81.00
Landscape Architect I/Planner I	Hour	\$ 75.00
Landscape Designer	Hour	\$ 72.00
Operations Coordinator	Hour	\$ 60.00
<b>Transportation/Traffic Engineering</b>		
Project Director	Hour	\$ 176.01
Project Manager	Hour	\$ 170.96
Project Engineer	Hour	\$ 134.52
Project Designer	Hour	\$ 105.30
Technical Drafting	Hour	\$ 79.67
Secretarial/ Word Processing	Hour	\$ 55.50

Classification	Unit	Rate
<b>Solid Waste</b>		
Principal in Charge	Hour	\$ 207.00
Senior Project Manager	Hour	\$ 188.00
Project Engineer	Hour	\$ 135.00
Project Geologist	Hour	\$ 123.00
<b>Mapping / GIS Services</b>		
Project Director	Hour	\$ 179.12
Project Manager/Task Manager	Hour	\$ 125.59
Senior Geospatial Application Developer/Database Designer	Hour	\$ 149.21
Senior GIS Analyst	Hour	\$ 110.15
Geospatial Application Developer/Database Designer	Hour	\$ 90.15
GIS Analyst	Hour	\$ 74.22
<b>Planning Services</b>		
Project Director	Hour	\$ 171.74
Project Manager	Hour	\$ 132.00
Project Planner	Hour	\$ 85.87
Planning Designer	Hour	\$ 62.00
Technical Drafting	Hour	\$ 60.89
Secretarial/ Word Processing	Hour	\$ 58.50
<b>Construction Management Services</b>		
Inspector	Hour	\$ 72.06
Senior Inspector	Hour	\$ 81.23
Construction PM	Hour	\$ 96.90
Project Administrator	Hour	\$ 104.50
Office Engineer	Hour	\$ 89.78



**GEORGE F. YOUNG, INC.**  
**Schedule of Rate Values**  
**Exhibit A**

\*\*Rates listed below are PER HOUR, unless otherwise noted\*\*

**PROFESSIONAL STAFF**

<b>SURVEY</b>	
Principal Surveyor	\$ 145.00
Surveyor III	\$ 130.00
Surveyor II	\$ 110.00
Surveyor I	\$ 95.00

**TECHNICAL STAFF**

Cad Technician	\$ 80.00	Admin Staff	\$ 55.00
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**SURVEY AND HYDROGRAPHIC FIELD PARTIES**

5 Person Field Crew	\$ 173.00	5 Person Hydrographic Field Crew	\$ 183.00
4 Person Field Crew	\$ 153.00	4 Person Hydrographic Field Crew	\$ 163.00
3 Person Field Crew	\$ 133.00	3 Person Hydrographic Field Crew	\$ 143.00
2 Person Field Crew	\$ 113.00	2 Person Hydrographic Field Crew	\$ 123.00

Rates include transportation and basic equipment. Rates do NOT include special survey instruments and equipment, or hydrographic equipment. See Sheet 2 for equipment rates.

**Per Hour Rate**

Maintenance of Traffic (MOT)	\$ 400.00	Average Charge Per Setup		
------------------------------	-----------	-----------------------------	--	--

**Actual MOT fee to be negotiated for each project based upon field conditions**

**Travel Expense**

Travel outside of the Tampa Bay Metropolitan Statistical Area will be reimbursed in accordance with Florida Statutes.



**GEORGE F. YOUNG, INC.**  
**Schedule of Rate Values**  
**Exhibit A**

\*\*Rates listed below are PER HOUR, unless otherwise noted\*\*

**LEGAL ASSISTANCE**

**Preparation for Sworn Testimony**

Professional Surveyor and Mapper	\$ 200.00
3 Person Field Crew	\$ 175.00
2 Person Field Crew	\$ 150.00
Senior Technician	\$ 125.00

**Sworn Testimony**

Professional Surveyor and Mapper	\$ 250.00
----------------------------------	-----------

**SPECIAL SURVEY INSTRUMENTS AND EQUIPMENT**

Mobile Office	\$ 40.00	Per Hour
Robotic Total Station	\$ 40.00	Per Hour
Trimble RTK	\$ 350.00	Per Day
Trimble Pathfinder Pro XR	\$ 75.00	Per Day
Wild First Order Leveling Instruments and Rods	\$ 20.00	Per Day
Wild T-3 Theodolite	\$ 50.00	Per Day
24 Foot Mobile Survey Tower	\$ 60.00	Per Day

**HYDROGRAPHIC EQUIPMENT**

24 Foot Survey Boat	\$ 500.00	Per Day
14' or 17' Foot Survey Boat	\$ 125.00	Per Day
Air Boat	\$ 250.00	Per Day
ATV (4-wheel)	\$ 150.00	Per Day
Echotrac DF3200 Echosounder	\$ 50.00	Per Day
Trimble DGPS with HyPack	\$ 125.00	Per Day

*at cost*

**PRINTS, MATERIALS AND REIMBURSABLE EXPENSES**

**COST**

Black & White Prints 20 lb. Bond	\$ 0.10	Per Sq. Ft
Black & White Copies 20 lb. Bond	\$ 0.10	Per Sq. Ft
Vellum 16 lb. Acid Free Plot	\$ 1.00	Per Sq. Ft
Color Bond Paper 24 lb. Plot	\$ 2.00	Per Sq. Ft
Mylar 4 Mil Double Matt Plot	\$ 2.50	Per Sq. Ft
Foam Core Mounting - 3/8" Acid Free	\$ 3.00	Per Sq. Ft
Black & White Copies or Prints (8 1/2" x 11")	\$ 0.05	Each
Black & White Copies or Prints (11" x 17")	\$ 0.10	Each
Color Copies or Prints (8 1/2" x 11")	\$ 1.00	Each
Color Copies or Prints (11" x 17")	\$ 1.50	Each
Plat PRM (Brass Casting in Concrete, Stamped)	\$ 25.00	Each
Concrete PRM Nail and Brass Disc	\$ 15.00	Each
Survey Disc, Type 1, 1/4", Aluminum, Magnetic	\$ 15.00	Each



July 16, 2012

Ms. Amelia McFarlane  
Senior Procurement Analyst  
Pinellas County Purchasing  
400 S. Ft. Harrison, 6<sup>th</sup> Floor  
Clearwater, FL 33756

**Subject:** Re-submittal of Requested Unit Rates  
**Consultant Services for Professional Engineering for  
Environmental and Geotechnical Services  
Contract No.: 112-0143-CN (AM)**  
Pinellas County, Florida  
MC<sup>2</sup> Proposal Number T021223.043

Dear Ms. McFarlane:

As requested in your email of July 3, 2012, enclosed for your review are revised Unit Rates for several of our sub-consultants including Kimley-Horn, NOVA, Applied Sciences and Anston Greenlees.

The revised unit rates sheets address the points raised in your email for the various consultants.

Please let me know if you have any questions or need any additional information. We look forward to the opportunity of working with Pinellas County under this contract.

Respectfully submitted,  
**MC Squared, Inc.**

Joe DiStefano, PE  
Vice President



**STANDARD FEE SCHEDULE**

Consultant Services for Professional Engineering for Environmental and Geotechnical Services:

Contract No.: 112-0143-CN (AM)

June 5, 2012

Service Element	Unit	Cost Per Unit
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**I. FIELD INVESTIGATION**

**1. Mobilization of Men and Equipment**

Truck Mounted Equipment			
Pinellas County County	Each	\$	320.00
Specialized ATV/Mudbug	Each	\$	605.00
Support Vehicle	Per Trip	\$	187.00
Track Mounted Equipment	Each	\$	1,350.00
Barge Mounted Equipment	Each	\$	7,450.00
Safety Boat	Per Trip	\$	500.00

**2. Truck Mounted Equipment**

<b>a. Standard Penetration Test (SPT) Borings</b>			
0 - 50 feet	L.F.	\$	12.50
50-100 feet	L.F.	\$	16.00
100 -150 feet	L.F.	\$	29.50
<b>b. Grout Seal Boreholes</b>			
0 - 50 feet	L.F.	\$	5.00
50-100 feet	L.F.	\$	6.50
100-150 feet	L.F.	\$	9.50
<b>c. Casing Allowance</b>			
0 - 50 feet:	L.F.	\$	8.10
50-100 feet	L.F.	\$	9.50
100-150 feet	L.F.	\$	11.50
<b>d. Rock Coring</b>			
0 - 50 feet	L.F.	\$	35.50
50-100 feet	L.F.	\$	48.25
100-150 feet	L.F.	\$	53.75

**3. Barge/Track Mounted Drilling Equipment**

<b>a. Standard Penetration Test Borings</b>			
0 - 50 feet	L.F.	\$	20.50
50-100 feet	L.F.	\$	24.70
100-150 feet	L.F.	\$	44.55
<b>b. Grout-Seal Boreholes</b>			
0 - 50 feet	L.F.	\$	7.00
50-100 feet	L.F.	\$	9.50
100-150 feet	L.F.	\$	14.60
<b>c. Casing Allowance</b>			
0 - 50 feet	L.F.	\$	12.20
50-100 feet	L.F.	\$	15.00
100-150 feet	L.F.	\$	16.80
<b>d. Rock Coring</b>			
0 - 50 feet	L.F.	\$	40.20
50-100 feet	L.F.	\$	53.70
100-150 feet	L.F.	\$	66.80

**4. Extra Split Spoon Samples**

0 - 50 feet	Each	\$	37.00
50-100 feet	Each	\$	42.10
100-150 feet	Each	\$	43.30

**5. Auger Borings**

0 - 50 feet LF	L.F.	\$	9.75
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**6. Backhoe for Test Pit Excavation**

Cost based on equipment rental (TBN) and labor	Per Day		
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7. Shelby Tube Samples 0 - 50 feet	Each	\$	200.00
8. Infiltration Tests	Each	\$	513.00
9. Permeability Tests	Each	\$	515.00
10. Flagmen & Barricades (2 man crew)			
Barricades/MOT	Per Day	\$	885.00
Flagmen	Per Day	\$	880.00
11. Hand Probes (2-man Crew)	Per Day	\$	665.00
12. 2 inch Piezometer Installation LF	L.F.	\$	40.25
13. Drilling Permits if required	Per Boring	\$	32.50
14. Site Cleaning/Difficult Access Cost based on equipment rental (TBN) and labor	Per Day		
15. Pavement Cores (Asphalt)	Per Boring	\$	100.00

## II. LABORATORY INVESTIGATION

1. Visual Examination/Stratify Per Set (1 Set = 5feet)	Set	\$	3.80
2. Natural Moisture Content Tests	Each Test	\$	6.10
3. Grain Size Analysis (Full Gradation) (Single Sieve)	Each Test	\$	65.00
	Each Test	\$	40.00
4. Organic Content Tests	Each Test	\$	40.25
5. Atterberg Limit Tests	Each Test	\$	100.00
Liquid Limit Only	Each Test	\$	60.00
Plastic Limit Only	Each Test	\$	40.00
6. Environmental Test (pH, sulfates, chlorides, resistivity)	Each Test	\$	175.00
7. Limerock Bearing Ratio Test	Each Test	\$	320.00
8. Consolidation Test	Each Test	\$	450.00
9. Specific Gravity	Each Test	\$	65.00
10. Triaxial Shear Test (per point)	Each Test	\$	145.00
11. Split Tension Test	Each Test	\$	120.00
12. Unconfined Compression Test	Each Test	\$	114.00

## III. ENGINEERING AND TECHNICAL SERVICES

1. Project Manager	Hour	\$	180.00
2. Chief Engineer	Hour	\$	210.00
3. Senior Engineer	Hour	\$	170.00
4. Project Engineer	Hour	\$	126.00
5. Engineer	Hour	\$	95.00
6. Sr. Technician	Hour	\$	68.00
7. Technician	Hour	\$	45.00
8. CADD Technician	Hour	\$	75.00
9. Clerical	Hour	\$	52.00

**King Engineering Associates, Inc.**

**EXHIBIT A**

**PINELLAS COUNTY  
Consultant Services for Professional Engineering for  
Environmental & Geotechnical Services**

**Contract No.: 112-0143-CN (AM)**

**King Engineering Associates, Inc.  
(Hourly Rate Sheet)**

<b>Schedule of Rate Values</b>	
<b>Classification</b>	<b>Hourly Rate</b>
Chief Engineer	\$ 175.00
Chief Scientist	\$ 150.00
CADD/Computer Technician	\$ 75.00
Designer	\$ 85.00
Engineer	\$ 90.00
Environmental Specialist	\$ 65.00
Field Representative	\$ 60.00
Landscape Architect	\$ 75.00
Planner	\$ 90.00
Project Engineer	\$ 105.00
Project Manager	\$ 135.00
Secretary / Clerical	\$ 50.00
Senior Engineer	\$ 140.00
Senior Field Representative	\$ 80.00
Senior Project Engineer	\$ 125.00
Senior Scientist	\$ 120.00
Senior Surveyor & Mapper	\$ 135.00
Survey Crew (2-Man)	\$ 105.00
Survey Crew (3-Man)	\$ 135.00

**Kimley-Horn and Associates, Inc.**

**PINELLAS COUNTY - Consultant Services**

**Contract No. 112-0143-CN (AM)**

**Consultant:**



Kimley-Horn  
and Associates, Inc.

**Professional Engineering, Environmental and Geotechnical Services**

**CONTRACT BILLING RATES**

<b>Job Classification</b>	<b>Average Hourly Billing Rate</b>
Senior Vice President/Principal	\$ 280.00
Vice President/Officer-in-Charge	\$ 256.00
Senior Project Manager/Group Manager	\$ 256.00
Project Manager	\$ 216.00
Construction Manager	\$ 160.00
Construction Engineer	\$ 112.00
Senior Engineer/Wetland Scientist/Geologist	\$ 192.00
Engineer/Wetland Scientist/Geologist	\$ 112.00
Planner	\$ 176.00
Landscape Architect	\$ 176.00
Construction Inspector	\$ 120.00
Senior Designer/Engineering Tech	\$ 136.00
Designer/Engineering Tech	\$ 112.00
Drafter/CADD Operator	\$ 88.00
Project Assistant	\$ 112.00
Administrative/Clerical	\$ 72.00

*Revised 7/16/12*

**Nova Engineering and Environmental, LLC**

**ENGINEERING, ENVIRONMENTAL AND FACILITIES  
SCHEDULE OF FEES  
NOVA ENGINEERING AND ENVIRONMENTAL LLC**

**PROFESSIONAL SERVICES**

*For engineering, environmental, and facilities professional services including site visits, engineering analysis, project management, project meetings, report preparation, consultations etc.*

Engineering/Geologic/Scientific Technician	per hour	\$ 52.00
Engineering/Geologic/Scientific Aide	per hour	\$ 60.00
Staff Engineer/Geologist/Scientist	per hour	\$ 75.00
Project Engineer/Geologist/Scientist	per hour	\$ 95.00
Senior Engineer/Geologist/Scientist	per hour	\$ 125.00
Principal Engineer/Geologist/Scientist	per hour	\$ 150.00
Clerical / Drafting Support	per hour	\$ 45.00

**ENGINEERING, ENVIRONMENTAL AND FACILITIES  
SCHEDULE OF FEES  
(CONTINUED)**

**DRILLING SERVICES**

*Drilling services costs for mobilization and fieldwork*

Mobilization	lump sum	\$ 500.00
All-Terrain Vehicle Charge, additional to mobilization	lump sum	\$ 100.00
Soil Test borings (n<50 bpf)	per foot	\$ 12.00
Soil Test borings (n≥50 bpf)	per foot	\$ 14.00
Auger boring	per foot	\$ 10.00
<i>Borings deeper than 50 feet will have a \$2.00 per foot surcharge</i>		
Rock Coring set-up	per set-up	\$ 200.00
Rock Coring (NQ2-size core) less than 50 foot depth	per foot	\$ 65.00
Casing (where required) less than 50 feet	per foot	\$ 9.00
Water Truck Rental	per day	\$ 175.00
Undisturbed Sampling	each	\$ 95.00
Extra Split-spoon samples	each	\$ 25.00
Difficult Moving or Standby	per hour	\$ 175.00
Clearing: light clearing performed by drill crew	per hour	\$ 175.00
Temporary Observation Well (2-inch PVC)	per foot	\$ 38.00
Type I Monitoring Well (2-inch PVC)	per foot	\$ 40.00
Well Pad, with Manhole	each	\$ 250.00
Steam Cleaner Rental	per day	\$ 150.00
Hole Covers	each	\$ 50.00
Asphalt Patch	each	\$ 20.00

**ENGINEERING, ENVIRONMENTAL AND FACILITIES  
SCHEDULE OF FEES  
(CONTINUED)**

**LABORATORY SERVICES (GEOTECHNICAL)**

*For laboratory testing of selected soil samples.*

Atterberg Limits Testing	per test	\$ 80.00
Natural Moisture Content	per test	\$ 15.00
Standard Proctor	per test	\$ 100.00
Modified Proctor	per test	\$ 110.00
Limerock Bearing Ratio Test (LBR)	per test	\$ 350.00
LBR	additional points	\$ 75.00
Grain Size Analysis	per test	\$ 100.00
Percent Fine than No. 200 sieve	per test	\$ 60.00
Consolidation Testing	per test	\$ 400.00
Triaxial Shear Testing 3 point CU	per test	\$ 950.00

**ENGINEERING, ENVIRONMENTAL AND FACILITIES  
SCHEDULE OF FEES  
(CONTINUED)**

**LABORATORY SERVICES (ENVIRONMENTAL)**

*For laboratory testing of selected soil, water or waste samples.*

TCL – Volatile Organics (8260B)	per test	\$ 110.00
TCL – Semi-Volatile Organics (8270C)	per test	\$ 250.00
TCL – Chlorinated Pesticides (8081A)	per test	\$ 100.00
TCL – Chlorinated Herbicides (8151A)	per test	\$ 100.00
TPH – Diesel Range Organics (8015B)	per test	\$ 65.00
TPH – Gasoline Range Organics (8015B)	per test	\$ 65.00
BTEX (8260B)	per test	\$ 50.00
Polynuclear Aromatic Hydrocarbons (8270C) by GC	per test	\$ 90.00
8 RCRA Metals (6010B)	per test	\$ 110.00
13 Priority Pollutant Metals (6010B)	per test	\$ 120.00
PCBs (8082)	per test	\$ 75.00
TCLP Volatiles	per test	\$ 150.00
TCLP Semi-Volatiles	per test	\$ 250.00
TCLP RCRA Metals	per test	\$ 150.00
TCLP Lead	per test	\$ 55.00

**ENGINEERING, ENVIRONMENTAL AND FACILITIES  
SCHEDULE OF FEES  
(CONCLUDED)**

**MISCELLANEOUS EQUIPMENT**

Air Pump-Personal Monitoring Pump	per day	\$ 25.00
Air Pump-Sensidyne/Gastec Sampler	per day	\$ 50.00
Air Pump-Ambient Air Sampler Grasby Hi-Vol	per day	\$ 25.00
Disposable Bailers	each	\$ 12.00
Explosimeter	per day	\$ 75.00
Flame/Photo Ionization Detector (FID/PID)	per day	\$ 95.00
Multimeter (Horiba or YSI) pH, DO, ORP, TURB, T	per day	\$ 175.00
Micro Purge Pump (Low Flow)	per day	\$ 150.00
Multigas Meter (CO, O <sub>2</sub> , LEL, H <sub>2</sub> S)	per day	\$ 60.00
Oil / Water Interface Probe	per day	\$ 65.00
Peristaltic Pump	per day	\$ 50.00
Water Level Probe Electronic	per day	\$ 35.00
Respirator Cartridges	each	\$ 20.00
Air Compressor (1-5 HP)	per day	\$ 50.00
Manometer	per day	\$ 60.00
Generator	per day	\$ 60.00
Decon Kit/Sample Kit	each	\$ 40.00
Moisture Meter	per day	\$ 25.00
IAQ Meter (CO, CO <sub>2</sub> , RH, T)	per day	\$ 125.00
Infrared Camera	per day	\$ 315.00

**ENGINEERING, ENVIRONMENTAL AND STRUCTURAL  
SCHEDULE OF FEES  
NOVA ENGINEERING AND ENVIRONMENTAL LLC**

**I. ENGINEER AND PROFESSIONAL CONSULTANT:**

A. Project Engineer for foundation and subgrade soil field inspections, per hour.....	\$ 95.00
B. Senior Engineer, P.E. for project management, and review of soil, concrete, roofing, structural steel, fireproofing, reinforcing steel, masonry and other construction materials data, per hour .....	\$ 125.00
C. Threshold Engineer, P.E., for interpretation and consultation, per hour .....	\$ 150.00

**II. ENGINEER AND INSPECTOR/TECHNICIAN SERVICES:**

A. Engineering Technician for testing of soil/base material compaction, concrete/masonry sampling and asphalt placement, per hour.....	\$ 52.00
B. Threshold Representative for reinforcing steel observations and material placement observations associated with concrete and masonry, per hour.....	\$ 65.00
C. Certified Welding Inspector (CWI) for visual weld and bolt torque testing of structural steel and precast connections, per hour .....	\$ 65.00
D. Level I/II ASNT Inspector for non-destructive evaluation of structural steel weldments by magnetic particle, dye penetrant or ultrasonic methods, per hour ..	\$ 95.00
E. Senior Roofing Technician for monitoring installation procedures of typical roof system applications, per hour .....	\$ 125.00

**LABORATORY SERVICES:**

A. Concrete/Aggregate/Mortar:

1. Concrete cylinder curing, preparation and compressive strength testing, each .....	\$ 11.00
2. Grout prism curing, preparation and compressive strength testing, each ..	\$ 15.00
3. Mortar cube curing, preparation and compressive strength testing, each ..	\$ 15.00
4. Concrete core curing, preparation and compressive strength testing, each	\$ 25.00
5. Concrete mix design verification, standard, each .....	\$ 125.00
6. Fine Aggregate Sieve Analysis, each .....	\$ 60.00
7. Coarse Aggregate Sieve Analysis, each .....	\$ 60.00
8. Aggregate Specific Gravity .....	\$ 35.00

**ENGINEERING, ENVIRONMENTAL AND STRUCTURAL  
SCHEDULE OF FEES  
NOVA ENGINEERING AND ENVIRONMENTAL LLC**

B. Soils / Base Material:

1. Moisture Content, each .....	\$ 15.00
2. Atterberg Limits, each .....	\$ 80.00
3. Wash 200, each .....	\$ 70.00
4. Wash 200 and Hydrometer Analysis.....	\$ 150.00
5. Specific Gravity, each .....	\$ 55.00
6. Organic Content, each.....	\$ 35.00
7. Standard Proctor, each .....	\$ 100.00
8. Modified Proctor, each.....	\$ 110.00
9. Limerock Bearing Ratio Test, each.....	\$ 350.00

C. Asphalt:

1. Extraction/Gradation Test, each .....	\$ 175.00
2. Marshall Stability and density, each.....	\$ 175.00
3. Mobilization for Asphalt cores.....	\$ 250.00
4. Core Thickness and Density, each.....	\$ 40.00

**Applied Sciences Consulting, Inc.**

**EXHIBIT "A"**  
**Applied Sciences Consulting, Inc.**  
**SCHEDULE OF HOURLY RATES - FY 2012**

<b>Classification</b>	<b>Hourly Rate</b>
<b>1</b> Expert Testimony	\$ 193
<b>2</b> Senior Principal	\$ 189
<b>3</b> Principal Consultant	\$ 172
<b>4</b> Supervisory Engineer	\$ 163
<b>5</b> Sr. Professional Engineer	\$ 143
<b>6</b> Professional Engineer	\$ 119
<b>7</b> Engineer III	\$ 109
<b>8</b> Engineer II	\$ 103
<b>9</b> Engineer I	\$ 76
<b>10</b> Sr. Design Engineer	\$ 108
<b>11</b> Design Engineer	\$ 96
<b>12</b> Designer II	\$ 87
<b>13</b> Designer I	\$ 78
<b>14</b> Senior Technician	\$ 66
<b>15</b> Technician II	\$ 62
<b>16</b> Technician I	\$ 55
<b>17</b> Landscape Architect	\$ 83
<b>18</b> Sr. Scientist Ph.D.	\$ 163
<b>20</b> Sr. Envir. Scientist	\$ 163
<b>21</b> Environmental Scientist III	\$ 92
<b>22</b> Environmental Scientist II	\$ 83
<b>23</b> Environmental Scientist I	\$ 66
<b>24</b> Environmental Tech.	\$ 55
<b>25</b> Construction Svcs Admin	\$ 121
<b>26</b> Construction Svcs Eng.	\$ 115
<b>27</b> Administrative Management	\$ 106
<b>28</b> Administrative Staff	\$ 50
<b>29</b> Word Processor II	\$ 50
<b>30</b> Word Processor I	\$ 44
<b>31</b> Clerical II	\$ 44
<b>32</b> Clerical I	\$ 33

**Wilder Architecture, Inc.**

**WILDERARCHITECTURE, INC.**  
1517 Seventh Avenue  
Suite Number C  
Tampa, Florida 33605  
Telephone 813.242.6677  
Facsimile 813.242.6683

**WILDERARCHITECTURE, INC.**  
**HOURLY RATE SCHEDULE**  
2012

Principal	\$175
Project Manager	\$125
Project Architect	\$115
Field Representative	\$105
3-D Visualizations	\$100
LEED Analysis	\$100
Graduate Architect	\$95
CADD Technician	\$80
Administrative Assistant	\$65

**Anston-Greenlees, Inc.**

**STANDARD HOURLY RATE SCHEDULE**

EFFECTIVE JANUARY 1, 2012

THE FOLLOWING HOURLY RATES SHALL APPLY:

<u>PERSONNEL</u>	<u>RATE</u>
PRINCIPAL ENGINEER	\$180.00/HOUR
ASSOCIATE – MECHANICAL	\$130.00/HOUR
ASSOCIATE - ELECTRICAL	\$130.00/HOUR
REGISTERED ELECTRICAL ENGINEER	\$120.00/HOUR
REGISTERED MECHANICAL ENGINEER	\$120.00/HOUR
ELECTRICAL ENGINEER	\$110.00/HOUR
MECHANICAL ENGINEER	\$110.00/HOUR
SENIOR ENGINEERING DESIGNER	\$105.00/HOUR
ENGINEERING DESIGNER	\$95.00/HOUR
CAD TECHNICIAN	\$65.00/HOUR
CLERICAL	\$55.00/HOUR

June 5, 2012

Mr. Joseph Lauro  
Director, Purchasing Department  
Pinellas County Board of County Commissioners  
Annex Building – 6<sup>th</sup> Floor  
400 South Fort Harrison Avenue  
Clearwater, FL 33756

**RE: Fee Schedule: Consultant Services for Professional Engineering for  
Environmental and Geotechnical Services  
Proposal No. 112-0143-CN(AM)**



**Shaping the Future**

Cardno TBE

380 Park Place Boulevard  
Suite 300  
Clearwater, Florida 33759  
USA

Phone 727.531.3505  
Toll-free 800.861.8314  
Fax 727.431.1777  
Email [tbe@CardnoTBE.com](mailto:tbe@CardnoTBE.com)

[www.CardnoTBE.com](http://www.CardnoTBE.com)

*Dear Mr. Lauro:*

On behalf of Cardno TBE, I wish to thank you and the Board of County Commissioners for recently selecting us to provide Consulting Services for Professional Engineering for Environmental and Geotechnical Services to Pinellas County.

As requested, we are attaching our team's fee schedule (Exhibit A) for services related to this contract. The noted rate schedule is fully loaded (burdened) and includes all labor, direct/indirect overhead, margins/profit, customary expenses, postage, etc., and travel within the Tampa Bay Metropolitan Statistical Area.

Cardno TBE is dedicated and looks forward to serving Pinellas County on this Contract. If you have any questions, please contact me at 727.531.3505 (e-mail: [steve.howarth@cardno.com](mailto:steve.howarth@cardno.com)) or Rick Hagberg at 727.639.5565 (e-mail: [rick.hagberg@cardno.com](mailto:rick.hagberg@cardno.com)).

Sincerely,

A handwritten signature in black ink, appearing to read "S.P. Howarth", with a long horizontal stroke extending to the right.

Steven P. Howarth, PE  
Vice President

**EXHIBIT A**

Pinellas County Purchasing Department  
 Consultant Services for Professional Engineering for Environmental and Geotechnical Services  
 Contract No. 112-0143-CN(AM)



**Hourly Direct Salary Rates**

<b>Labor Category</b>	<b>Rate</b>
Administrative Assistant .....	\$70
Brownfields Specialist.....	\$135
Construction Manager .....	\$180
Construction Engineer .....	\$110
Designer .....	\$110
Director .....	\$185
Engineer .....	\$135
Environmental Scientist/Geologist.....	\$95
Field Technician.....	\$85
GIS Programmer.....	\$120
GIS Technician .....	\$110
Landscape Architect .....	\$170
Planner .....	\$120
Principal .....	\$250
Professional Geologist.....	\$135
Project Engineer .....	\$135
Project Manager .....	\$165
Senior Designer .....	\$110
Senior Environmental Technician.....	\$105
Senior Engineer/Hydrogeologist/Ecologist.....	\$165
Senior GIS Analyst .....	\$130
SUE Designating Truck & Crew/Per Day .....	\$2,200
SUE Locating Truck & Crew/Per Day.....	\$2,600
SUE Manager .....	\$110
Surveyor .....	\$180
Survey Crew (3-Man)/Per Day .....	\$1,400
Survey Crew (4-Man)/Per Day .....	\$1,700
Technician .....	\$90



### Equipment Rental Fees

Organic Vapor Analyzer.....	\$ 250/day
Sampling Vehicle .....	\$ 150/day
Soil Assessment Kit .....	\$ 450/day
OVA	
Hand Auger	
Modified Level D	
Vehicle	
Expendables	
Groundwater Assessment Kit .....	\$ 750/day
Water level indicator	
Oil-water probe	
Vehicle	
Modified Level D	
Expendables	
Pump	
Conductivity, pH, Temp, Turbidity, DO, Meters	
Expendables	
Portable Shallow Tray Airstripper .....	\$ 1,800/day, \$1,200 mob/demob
10HP blower, 100 gpm pumps	(quote multiple days)
Effluent pumping system	
Safety Controls	
Equalization Tank	
Above ground piping	
Generator (50kw, 24-hr use).....	quoted price
Portable Pilot Test Equipment .....	\$ 1,700/day, \$1,100 mob/demob
10 HP Positive Displacement Blower SVE	(quote multiple days)
Knock-out tank and hoses	
10HP Positive Displacement Air Sparger	

**SUBCONSULTANT FEES ON FOLLOWING PAGES**

**GREENFIELD ENVIRONMENTAL, INC.  
PROFESSIONAL FEES FOR CARDNO**

EPA Certified Asbestos Inspector/Air Monitor	\$60.00/Hour
EPA Certified Lead Inspector/Air Monitor	\$60.00/Hour
Project Manager	\$75.00/Hour
FL Licensed Asbestos Consultant	\$100.00/Hour
Bulk Asbestos Sample Analysis (Standard)	\$20.00/Sample
Point Count Sample Analysis (Standard)	\$90.00/Sample
Administrative Services	\$40.00/Hour

Additional professional fees or laboratory analytical rates can be provided on request.

Radon Testing  
Industrial Hygiene Consulting  
Asbestos Consulting /Testing

Indoor Air Quality Assessments  
Hazardous Waste Management  
Lead-Based Paint Consulting

State of Florida Licensed Asbestos Consulting Firm ZA 0000268  
State of Florida Licensed Radon Measurement Services RB175S  
US EPA Lead Based Paint Evaluation Firm FL-17768-1



<b>Pinellas County Environmental &amp; Geotechnical RFP- CARDNO – 2012 Environmental Drilling Rates-ATI Proposal 21206002 R1</b>				
<b>DIRECT PUSH TECHNOLOGY</b>	<b>Unit</b>	<b>Unit Rate</b>	<b>Number of Units</b>	<b>Extended Price</b>
<b><u>GEOPROBE Soil/Water Samples</u></b>				
<b>2 Man Crew/DPT Rig/ Expendables</b>	Day	\$1,400.00		\$0.00
<b>Water Sample Charge</b>	each	\$12.00		\$0.00
<b>Soil Sample Charge</b>	each	\$5.00		\$0.00
<b><u>GEOPROBE Well Installation</u></b>				
<b>Priced Per Job</b>				
<b><u>Miscellaneous</u></b>				
<b>Mobilization</b>	roundtrip	\$250.00		\$0.00
<b>Jackhammer/Compressor</b>	DAY	\$200.00		\$0.00
<b>Concrete Cutting/Removal</b>	each	\$75.00		\$0.00
<b>Drums (Re-Conditioned)</b>	each	\$50.00		\$0.00
<b>Drumming of IDW-Labor</b>	each	\$30.00		\$0.00
<b>Stand-By Difficult Access</b>	per hour	\$175.00		\$0.00
<b>Well Construction Permits</b>	each	\$90.00		\$0.00
<b>ATI Companies Proposal # 21206002</b>			<b>Total Price</b>	<b>\$0.00</b>



<b>Pinellas County Environmental &amp; Geotechnical RFP- CARDNO – 2012 Environmental Drilling Rates</b>				
<b>STANDARD AUGER DRILLING</b>	<b>Unit</b>	<b>Unit Rate</b>	<b>Number of Units</b>	<b>Extended Price</b>
<b>Split Spoon Sampling with Well Installation</b>				
0 - 25 foot boring depth	each	\$25.00		\$0.00
26 to 50 foot boring depth	each	\$30.00		\$0.00
50 to 75 foot boring depth	each	\$35.00		\$0.00
76 to 100 foot boring depth	each	\$45.00		\$0.00
Shelby Tube Sample	each	\$125.00		\$0.00
<b>Split Spoon Sampling without Well Installation</b>				
Drilling (Auger or Mud Rotary)	per foot	\$9.00		\$0.00
Boring Abandonment	per foot	\$5.00		\$0.00
Split Spoon Sampling	Same as Above			
<b>1" - 2" Well Installation (includes steam cleaning decon, screen, riser, sand pack, seal and grout)</b>				
<50 foot boring depth	per foot	\$24.00		\$0.00
50 foot to 100 foot boring depth	per foot	\$28.00		\$0.00
<b>4" Well Installation (includes steam cleaning decon, screen, riser, sand pack, seal and grout)</b>				
<50 foot boring depth	per foot	\$30.00		\$0.00
50 foot to 100 foot boring depth	per foot	\$33.00		\$0.00



<b>Double Cased Wells</b>			
6" Surface Casing	per foot	\$40.00	\$0.00
8" Surface Casing	per foot	\$47.00	\$0.00
<b>Well Completion</b>			
8" Manholes w/ 2' x 2' pad	each	\$90.00	\$0.00
12" Manholes w/ 2' x 2' pad	each	\$125.00	\$0.00
8" Bolt Down Manhole w/ 2' x 2' pad	each	\$115.00	\$0.00
4" Above grade protector w/ 2' x 2' pad	each	\$165.00	\$0.00
<b>1"- 2" Well Abandonment (includes grouting)</b>			
per foot			
		\$7.00	\$0.00
<b>3"- 4" Well Abandonment (includes grouting)</b>			
per foot			
		\$9.00	\$0.00
<b>5"- 6" Well Abandonment (includes grouting)</b>			
per foot			
		\$14.00	\$0.00
<b>2' x 2' Well Pad Removal and Patch</b>			
	each	\$80.00	\$0.00



<b>MISCELLANEOUS</b>				
<b>Mobilization</b>	roundtrip	\$250.00		\$0.00
<b>Drums (Re-Conditioned)</b>	each	\$40.00		\$0.00
<b>Drumming of IDW-Labor</b>	each	\$30.00		\$0.00
<b>Permits</b> (Drilling or abandonment only; cost according to WMD & Local Municipalities)	each	\$90.00		\$0.00
<b>Concreting Cutting/Removal</b>	each	\$75.00		\$0.00
<b>Jackhammer/Compressor</b>	per day	\$200.00		\$0.00
<b>Well Development (Centrifugal Pump/ Hand Pump)</b>	each	\$75.00		\$0.00
<b>Well Development with Drill Rig</b>	per hour	\$150.00		\$0.00
<b>Decontamination Containment Structure</b>	each	\$400.00		\$0.00
<b>Decontamination - Steam Cleaning</b> (up to 1 hour)(Min. then \$50/hour each add. Hour)	Minimum	\$75.00		\$0.00
<b>Decontamination - EPA Region IV "Full Decon"</b> (Minimum then \$100/hour each add. Hour)	Minimum	\$100.00		\$0.00



**Advantage**  
ENVIRONMENTAL  
SERVICES, INC.

► Remediation ► Waste Management ► Construction



2025 5th Avenue North St. Petersburg, Florida 33713  
Phone (727) 321-4400 Toll Free (888) 633-4251  
Fax (727) 328-0430 [www.aesem.com](http://www.aesem.com)

## LABOR RATES FOR PINELLAS COUNTY

### Labor Rates:

Position	Hourly Rate	Overtime Rate
Project Director	\$85.00	\$127.50
Project Supervisor	\$75.00	\$94.87
Health & Safety Manager	\$75.00	\$112.50
Project Chemist	\$75.00	\$112.50
Heavy Equipment Operator	\$55.00	\$82.50
Field Technician	\$45.00	\$67.50
Laborer	\$35.00	\$52.50
Clerical	\$35.00	\$52.50
Transportation and Disposal Services	Price Per Job	

"Restoring Tomorrow Today"





## 2012 UNIT RATE FEE SCHEDULE

Geotechnical, Laboratory and Construction Materials Testing and Inspection

### **I. Engineering Services**

Staff Engineer, per hour	\$75.00
Project Manager, per hour	\$85.00
Senior Engineer, P.E., per hour	\$100.00
Principal, P.E., per hour	\$110.00
Certified Threshold Inspector, per hour	\$110.00
Word Processing/Clerical, per hour	\$40.00

### **II. Engineering Technical Services**

Engineering Technician for on-site inspection, per hour	\$50.00
Senior Technician, Threshold or ASNT Level I Steel Technician, per hour	\$55.00
Steel Inspector, ASNT Level II or AWS certified Welding Inspector, per hour	\$65.00
Roofing Technician, per hour	\$65.00
Vehicle (travel time and mileage), per day	\$75.00
Standby Time, per hour	\$50.00

### **III. Field Density and Concrete Technician**

Field Densities and Concrete Testing Technician, per hour (Portal to Portal)	\$50.00
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### **IV. Laboratory Testing**

Concrete cylinders; compressive strength testing including curing and capping and reserve cylinders, ASTM C 39, each	\$8.50
Compressive strength of concrete cores, ASTM C 42, including trimming ends and capping, each	\$55.00
Compressive strength of mortar cubes, each	\$8.50
Compressive strength of grout prisms, ASTM C1019, each	\$8.50
Compressive strength of concrete beams, ASTM C293, each	\$65.00
Modified Proctor compaction test, 6" mold, ASTM D 1557, each	\$110.00
Limerock Bearing Ratio (LBR) (including Modified Proctor), each	\$350.00
Marshall Flow and Stability, ASTM D1559, each	\$150.00
Asphalt Extraction/Aggregate Gradation, ASTM D2172, each	\$175.00
Asphalt core, each	\$25.00
Grain Size Analysis with Minus 200 Wash, per test	\$40.00
Minus 200 Wash, per test	\$20.00
Moisture Content per test	\$15.00
Organic Content, per test	\$25.00
Double Ring Infiltrometer Test, per hour	\$50.00
Hand Auger Borings, per hour	\$45.00

#### **NOTES:**

1. Unit rates for equipment, personnel, or tests not presented on this fee schedule will be provided upon request.
2. Minimum 4-hour charge, Engineering Technician.
3. For cylinder compression testing on Saturday, Sunday, or company holiday there will be a technician overtime charge.
4. For time over 8 hours per day on one project, Saturday, Sunday or company holiday, an overtime charge equivalent to 1.5 times applicable unit rate will be applied.



5602 Thompson Center Court  
Suite 405  
Tampa, FL 33634  
Office: 813-889-8960  
Fax: 813-889-8754  
www.atcassociates.com

### 2012 Industrial Hygiene Fee Schedule

<i>Description</i>	<i>Unit Price</i>
Principal Review	\$125.00/hr.
Project Management	\$95.00/hr.
Project Hygienist (Mold )	\$75.00/hr.
IH Technician (Asbestos)	\$65.00/hr.
IH Technician (Lead )	\$65.00/hr
CADD Technician	\$55.00/hr.
Clerical	\$45.00/hr.
Truck Fee	\$75.00/day
Equipment Rental (XRF)	\$100.00/day
Asbestos Bulk Samples (Standard Turn Around Time )	\$15.00/sample
Lead Chip Analysis (Standard Turn Around Time)	\$15.00/sample
TEM Air Samples ( Next Day TAT )	\$90.00/sample
PCM Air Samples ( In excess of 10/day )	\$5.00/sample
Non-Culturable Spore Trap Analysis (Standard TAT)	\$75.00/sample
Microbial Bulk Sample Analysis (Standard TAT)	\$55.00/sample
Radon Samples (Short Term)	\$20.00/sample

2012

**Geotechnical and Materials Testing and Inspection Services**  
**Fee Schedule**

**GEOTECHNICAL SERVICES**

<b>1.0 ENGINEERING AND PROFESSIONAL SERVICES</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
1.1	Project Engineer	\$ 130.00/Hr.
1.2	Senior Engineer (P.E.)	150.00/Hr.
1.3	Principal Engineer (P.E.)	175.00/Hr.
1.4	CADD Operator	67.50/Hr.
1.5	Clerical	57.50/Hr.
1.6	Laboratory Manager	120.00/Hr.
1.7	Threshold/Steel/Welding Inspector	85.00/Hr.

<b>2.0 DRILLING FIELD SERVICES</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
2.1	Mobilization and Demobilization of 3-Man Crew (readily accessible to truck-mounted drilling equipment)	\$250.00 LS
2.2	Mobilization and Demobilization of 3-Man Crew (swamp, barge or difficult access)	Quoted Upon Request
2.3	Crew Time (3-man crew, drilling and support vehicles) for Special Drilling, Sampling, Monitor Well Installation or Land, etc. (minimum 8 hours per day)	275.00/Hr.
	2.3.1 Supplies, etc.	Cost
2.4	Crew Time (3-man crew and drilling equipment on water [minimum 8 hours per day])	290.00/Hr.
	2.4.1 Portable Self-Propelled Barge Rental	850.00/Day
	2.4.2 Barge and Tug (ocean-going)	Cost
	2.4.3 Miscellaneous Materials, Bits, Equipment Rental, Supplies, etc.	Cost
2.5	Standard Penetration Test Borings (ASTM D-1586, split-spoon sampling; Standard Truck-Mounted Drill Unit)	
	2.5.1 0-50 Feet	
	i. Soil	12.50/LF
	ii. Rock	14.00/LF
	iii. Cemented Soil (N>50)	14.00/LF
	2.5.2 50-100 Feet	
	i. Soil	14.00/LF
	ii. Rock	16.00/LF
	iii. Cemented Soil (N>50)	16.00/LF
	2.5.3 100-150 Feet	
	i. Soil	16.50/LF
	ii. Rock	20.00/LF
	iii. Cemented Soil (N>50)	20.00/LF
	2.5.4 150-200 Feet	
	i. Soil	20.00/LF
	ii. Rock	25.00/LF
	iii. Cemented Soil (N>50)	25.00/LF

2.0 DRILLING FIELD SERVICES (Continued)		
ITEM	DESCRIPTION	UNIT FEE
2.6	Track-Mounted Drill Unit	
2.6.1	0-50 Feet	
	i. Soil	\$ 16.50/LF
	ii. Rock	18.75/LF
	iii. Cemented Soil (N>50)	18.75/LF
2.6.2	50-100 Feet	
	i. Soil	18.75/LF
	ii. Rock	21.75/LF
	iii. Cemented Soil (N>50)	21.75/LF
2.6.3	100-150 Feet	
	i. Soil	22.50/LF
	ii. Rock	27.75/LF
	iii. Cemented Soil (N>50)	27.75.LF
2.6.4	150-200 Feet	
	i. Soil	27.00/LF
	ii. Rock	34.50/LF
	iii. Cemented Soil (N>50)	34.50/LF
2.7	Tripod or Limited Access Drill Unit Equipment (3-man crew and equipment [minimum 8 hours per day])	225.00/Hr.
2.8	Undisturbed Sampling in Conjunction with Boring (3" O.D. Shelby tube samples)	125.00 Ea.
2.9	Grouting of Boreholes per SWFWMD Regulations	5.00/LF
2.10	Rock Coring	
2.10.1	NX Size (approximately 2 <sub>s</sub> " )	50.00/LF
2.10.2	2¾" Diameter	60.00/LF
2.11	Temporary Casing (only if needed)	
2.11.1	4"	6.50/LF
2.11.2	6"	9.50/LF
2.12	Patch Borehole in Asphalt or Concrete	75.00 Ea.

<b>2.0 DRILLING SERVICES</b> (Continued)		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
2.13	Double-Ring Infiltration Test (local and depth ≤3 feet [ASTM D-3385]) 2.13.1 Depth greater than 3 feet to be negotiated based on depth requirements	\$ 475.00 Ea.
2.14	Hand Auger Boring	9.50/LF
2.15	Hand Cone Penetrometer with Hand Auger Boring	2.00/LF
2.16	Standard Percolation Test	200.00 Ea.

<b>3.0 LABORATORY GEOTECHNICAL TESTING</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
3.1	Consolidation Test	\$ 300.00 Ea.
3.2	Laboratory Permeability on Sand (ASTM D-2434-74)	175.00 Ea.
3.3	Unconfined Compression Test	125.00 Ea.
3.4	Split-Tensile Test	85.00 Ea.
3.5	Triaxial Compression Test 3.5.1 Unconsolidated - Undrained 3.5.2 Consolidated - Undrained 3.5.3 Consolidated - Undrained with Pore Pressure Measurements	150.00/Test 275.00/Test 450.00/Test
3.6	Grainsize Analysis (ASTM D-422-92)	35.00 Ea.
3.7	Atterberg Limit (plastic and liquid [ASTM D-43-18-87])	75.00 Ea.

**3.0 LABORATORY GEOTECHNICAL TESTING**  
(continued)

ITEM	DESCRIPTION	UNIT FEE
3.8	Organic Content (FM 1T-267)	\$ 35.00 Ea.
3.9	Specific Gravity of Soil (ASTM D-854-92)	35.00 Ea.
3.10	Hydrometer of Soil (ASTM D-422-92)	135.00 Ea.
3.11	Constant Head Permeability (ASTM D-2434-74)	175.00 Ea.
3.12	Permeability with Back Pressure Saturation (ASTM D-5084-90)	300.00 Ea.
3.13	Corrosivity Series (resistance, pH, SO <sub>4</sub> , CL [FDOT method])	300.00 Ea.
3.14	Field Sampling of Materials	60.00/Hr.

**MATERIALS TESTING AND INSPECTION SERVICES**

<b>4.0 SOILS</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
4.1	Laboratory Proctor Test (Standard ASTM D698 or Modified ASTM D1557)	\$ 90.00 Ea.
4.2	Field Density Test (Sand Cone ASTM D1556 or Nuclear ASTM D2922 Densitometer) Minimum Charge - \$60.00 Per Trip	20.00 Ea.
4.3	Full-Time Senior Geotechnical Inspection Minimum Charge - Eight (8) Hours Per Day	60.00/Hr.
4.4	Florida Bearing Value (FM 5-517)	75.00 Ea.
4.5	Limerock Bearing Ratio (FM 5-515)	300.00 Ea.
4.5	Base or Subgrade Thickness Determination in Conjunction with Density Test	5.00 Ea.
4.7	Turbidity Test (NTU) (Plus Sampling Time)	20.00 Ea.
4.8	Limerock Analysis (Carbonates of Calcium and Magnesium) (FM 5-514)	65.00 Ea.
4.9	pH Determination (ASTM G-51-77) Corrosion	25.00 Ea.
	4.9.1 pH Determination (ASTM D4972) Agricultural	35.00 Ea.

<b>5.0 CONCRETE</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
5.1	Design of Concrete (One Cement Content) (P.C.A. or A.C.I.)	\$ 550.00 Ea.
5.2	Design of Concrete w/Additional Cement Contents	350.00 Ea.
5.3	Cylinder Preparation (ASTM C31) of Fresh Concrete and Pick-Up includes Slump Test (ASTM C143) Temperature (ASTM C-1064) and All Pertinent Field Data	55.00/Hr.
5.4	<u>Laboratory Compression Testing</u> 6"x12" Cylinders 3"x3"x6" Prisms 2"x2" Cubes	11.00 Ea. 15.00 Ea. 15.00 Ea.
5.5	Air Content of Fresh Concrete (ASTM C173 or C231)	15.00 Ea.
5.6	Beam Preparation (ASTM C31) of Fresh Concrete and Pick-Up - Includes Slump Test (ASTM C143) Temperature (ASTM C1064) and All Pertinent Data	55.00/Hr.
5.7	Laboratory Flexural Strength of Molded Beams (ASTM C78)	20.00 Ea.
5.8	Rebound Number (Schmidt Hammer) of Hardened Concrete (ASTM C805)	65.00/Hr.
5.9	Coring of Hardened Concrete (ASTM C42) 5.9.1 Additional Diamond Bit Charge D = Core Diameter in Inches LI = Core Length in Lineal Inches	70.00/Hr. D x 2.00/LI
5.10	Laboratory Compression of Concrete Cores (ASTM C39)	25.00 Ea.

<b>6.0 AGGREGATE TESTING</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
6.1	Gradation of Fine Aggregate (ASTM C136)	\$ 35.00 Ea.
6.2	Gradation of Coarse Aggregate (ASTM C136)	45.00 Ea.
6.3	Specific Gravity and Absorption of Fine Aggregate (ASTM C128)	45.00 Ea.
6.4	Specific Gravity and Absorption of Coarse Aggregate (ASTM C127)	45.00 Ea.
6.5	Los Angeles Abrasion	150.00 Ea.
6.6	Soundness of Aggregate Sodium Sulfate or Magnesium Sulfate (ASTM C88)	225.00 Ea.
6.7	Dry Rodded Unit Weight of Fine or Coarse Aggregate (ASTM C29)	45.00 Ea.
6.8	Field Sampling for Laboratory Tests	60.00/Hr.

<b>7.0 SOIL-CEMENT</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
7.1	Soil-Cement Design (P.C.A. or F.D.O.T. Method) - Includes Grainsize Analyses, proctor Curves, Specimen Compression and Recommended Cement Content	\$ 450.00 Ea.
7.2	Field Inspection during Processing of Plant Produced Placement - Includes Field Proctor, Density, Thickness and Cement Spread, If Applicable	60.00/Hr.
7.3	Laboratory Compression of Field Molded Specimens	12.00 Ea.
7.4	Laboratory Compression of Field Hardened Cores	25.00 Ea.
7.5	Soil-Cement Coring	
	7.5.1 Technician Time and Equipment	65.00/Hr.
	7.5.2 Core Bit Charge	2.00/LI
	7.5.3 Thickness Determination	5.00 Ea.
	7.5.4 Repair of Core Hole	5.00 Ea.
7.6	Field Sampling of Raw Materials for Laboratory Design	60.00/Hr.

<b>8.0 ASPHALT</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
8.1	Asphalt Design 8.1.1 F.D.O.T. with Three Bitumen Contents 8.1.2 F.A.A. Design with Four Bitumen Contents	\$ 900.00 Ea. 1,500.00 Ea.
8.2	Asphalt Plant Inspection 8.2.1 Senior Technician Inspector	65.00/Hr.
8.3	Field Inspection during Paving Activities 8.3.1 Senior Technician Inspector	65.00/Hr.
8.4	Laboratory Extraction and Gradation (FM IT-164 and FM IT-030)	110.00 Ea.
8.5	Marshall Stability and Properties (FM 5-511)	90.00 Ea.
8.6	Asphalt Coring 8.6.1 Technician Time and Equipment 8.6.2 Additional Diamond Bit Charge 8.6.3 Repair of Core Hole	65.00/Hr. 2.00/LI 8.00 Ea.
8.7	Laboratory Preparation of Field Paving Cores	5.00 Ea.
8.8	Laboratory Density of Field Paving Cores (FM IT-166)	12.00 Ea.
8.9	Laboratory Thickness of Field Paving Cores	7.50 Ea.
8.10	Field Sampling for Laboratory Tests	60.00/Hr.
8.11	Rice Gravity	50.00 Ea.
8.12	Gyratory Compaction	200.00 Ea.

<b>9.0 PILING INSPECTION</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
9.1	Inspection of Auger-Cast, Drilled Shaft or Driven Pile (Minimum Charge of 8 Hours Per Day)	\$ 60.00/Hr.
9.2	Pile Compressive Load Test (ASTM D1143)*	1,800.00 Ea.
9.3	Pile Tensile Load Test (ASTM D3689)*	1,500.00 Ea.

\*Includes Hydraulic Jack with Calibration, Dial Gauges, Reference Beams, Full-Time Monitoring and Report. Load test reaction assembly by others.

<b>10.0 ROOFING SERVICES</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
10.1	Field Inspection Pre-Construction Meeting (Registered Roofing Observer)	\$ 100.00/Hr.
10.2	Roof Inspection	70.00/Hr.
10.3	Laboratory Testing Analysis of Built-Up Roof Test Cut (ASTM D2829)	250.00 Ea.
10.4	Softening Point of Bitumen	40.00 Ea.
10.5	Nuclear Roof Moisture Survey (2-Man Crew)	130.00/Hr.
10.6	U.L. Roof Uplift Test	550.00 Ea.
10.7	Fastener Pull Test	85.00/Hr.
10.8	Survey Profile of Roof (2-Man Crew)	130.00/Hr.
10.9	Concrete Tile Uplift Resistance	120.00/Hr.

<b>10.0 ROOFING SERVICES</b> (Continued)		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
10.10	Thickness of Sprayed Fire Proofing	\$ 55.00/Hr.
10.11	Tensile-Tear Strength of Membrane	120.00 Ea.
10.12	Penetration of Bitumen	50.00 Ea.
10.13	Ovendried Moisture Contents of Cores	9.00 Ea.
10.14	Compressive Strength of L.W.I.C.	25.00 Ea.
10.15	Thickness of Corrugated Metal	20.00 Ea.
10.16	Unit Weight of Galvanized Zinc Coating	75.00 Ea.
10.17	Fire-Resistive Inspection (Thickness Determination Adhesion/ Cohesion and Unit Weight Sampling)	60.00/Hr.
10.18	Unit Weight of Sprayed Fire-Resistive Material	30.00 Ea.
10.19	Cement/Lime Content of Cementitious Materials	40.00 Ea.
10.20	Compositional Analysis of Fiberglass Roof Shingles	275.00 Ea.
10.21	Identification of Felt Type	20.00 Ea.
10.22	Independent Consulting Services (as required)	Cost

<b>NOTES</b>	
1.	Services required by client in excess of 8 hours per day, Saturday, Sunday or Holidays, will be charged the quoted rate.
2.	Fees for other services provided by <b>DRIGGERS ENGINEERING SERVICES, INC.</b> will be supplied upon request.
3.	All hourly rates are charged portal to portal.
4.	Three (3) report copies will be provided by <b>DRIGGERS ENGINEERING SERVICES, INC.</b> Additional copies will be charged at a rate of Cost.
5.	Equipment rentals are not included in the schedule of rate values provided herein. Any equipment rental will be charged at Cost.
6.	Travel outside of Tampa Bay Statistical area shall be reimbursed in accordance with Florida State Statutes.
7.	All prices are effective for the contract period of three (3) years and are subject to renegotiation at that time.
8.	In-place field density testing is performed with a minimum of \$60.00 per trip.

**EXHIBIT A**

**PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)  
FEE SCHEDULE – 2012**

**Pinellas County**

**Consultant Services for Professional Engineering  
Environmental and Geotechnical Services  
Contract No. 112-0143-CN (AM)**

**A. PROFESSIONAL SERVICES**

Chief Engineer / Scientist (P.G. / P.E. / PhD).....	\$160.00 per hour
Principal Consultant (P.G. / P.E. / CIH / CHMM / CSP / PMP / LEED AP).....	145.00 per hour
Project Manager / Sr. Engineer (P.E.) / Sr. Geologist (P.G.).....	125.00 per hour
Senior Scientist .....	105.00 per hour
Project Scientist / Geologist / Engineer .....	90.00 per hour
Construction Supervisor.....	85.00 per hour
Staff Scientist / Geologist / Engineer.....	80.00 per hour
Construction Foreman.....	77.00 per hour
Environmental Specialist / Industrial Hygienist Technician.....	75.00 per hour
Senior Technician / Equipment Operator.....	72.00 per hour
Engineering Technician .....	70.00 per hour

**B. SUPPORT SERVICES**

GIS Specialist.....	\$80.00 per hour
AutoCADD Drafting.....	70.00 per hour
Administrative Assistant.....	55.00 per hour
Clerical.....	50.00 per hour

**C. TRAVEL**

Field Support Vehicle (4x4 truck, van, etc.)..... no charge (included in hourly rates)

*Travel outside of the Tampa Bay Metropolitan Statistical Area shall be billed in accordance with Florida Statutes.*

**D. ENVIRONMENTAL FIELD EQUIPMENT AND SUPPLIES**

Organic Vapor Analyzer (OVA).....	\$160.00 per day
Multi-Gas Monitor (LEL).....	125.00 per day
Groundwater Parameter Meters .....	135.00 per day
Data Logger / Pressure Transducer.....	350.00 per day
Generator (5 KW) .....	100.00 per day
Generator (10 KW) .....	150.00 per day
Sediment Coring Equipment.....	150.00 per day
Metal Detector .....	45.00 per day
Pump – Development / Centrifugal .....	55.00 per day



**EXHIBIT A**

**PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)**

**FEE SCHEDULE – 2012**

**Pinellas County**

**Consultant Services for Professional Engineering**

**Environmental and Geotechnical Services**

**Contract No. 112-0143-CN (AM)**

Pump – Peristaltic .....	50.00 per day
Pump – Submersible (2-inch well).....	100.00 per day
Trash Pump (2-inch) .....	75.00 per day
Soil Sampling Kit.....	250.00 per day
Monitor Well Installation Kit.....	265.00 per day
Hydrogeology Evaluation Kit .....	275.00 per day
Shallow Groundwater Sampling Kit.....	250.00 per day
Deep Groundwater Sampling Kit.....	295.00 per day
Decontamination Kit.....	55.00 per day
Surveying Equipment.....	75.00 per day
Coring Drill.....	125.00 per day
Water Level Indicator / Interface Probe.....	25.00 per day
Digital Camera.....	25.00 per day
In-Line Filters .....	55.00 each
16 oz. Sample Jars with Lids, 24/case .....	30.00 per case
Granular Activated Carbon Cells, 1,800 pound capacity (each).....	600.00 per week
Granular Activated Carbon Cells, 600 pound capacity (each).....	350.00 per week
Backhoe .....	1,050.00 per day
Handheld GPS Unit (+/- three meter accuracy).....	80.00 per day
Barge / Boat Sampling Platform (8 x 8 ft) .....	175.00 per day
John Boat/Canoe .....	100.00 per day
Personal Protective Equipment (modified Level D), per man .....	25.00 per day
Personal Protective Equipment (Level C), per man.....	100.00 per day
Personal Protective Equipment (Level B), per man.....	150.00 per day
SCUBA Gear, per man .....	125.00 per day

**E. CHEMICAL, ASBESTOS, LEAD, IAQ, MOLD, AND OTHER LAB SERVICES**

PLM – bulk samples (>48 hr. turn around).....	\$22.00 each
Point Count Analysis .....	65.00 each
PCM – air samples (>48 hr. turn around) .....	15.00 each
TEM – air samples (>48 hr. turn around) .....	125.00 each
Air Monitoring (8-hour shift), per man.....	550.00 per day
Air Monitoring (12-hour shift), per man.....	800.00 per day
Air Quality Sampling Kit.....	175.00 per day
Ambient Air Samples (non-viable mold spore analysis) .....	75.00 each
Ambient Air Sample (viable mold spore analysis) .....	75.00 each
Wall Cavity Samples (non-viable mold spore analysis) .....	85.00 each
Tape/Lift Sample (non-viable mold spore analysis) .....	75.00 each
Swab Sample (non-viable mold spore analysis) .....	75.00 each
Culturable Fungi Identification and Enumeration.....	75.00 each
Total Fungal Spore Count.....	70.00 each



**EXHIBIT A**

**PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)**

**FEE SCHEDULE – 2012**

**Pinellas County**

**Consultant Services for Professional Engineering**

**Environmental and Geotechnical Services**

**Contract No. 112-0143-CN (AM)**

Temperature/Relative Humidity Data Logger .....	25.00 per day
Culturable Bacteria Identification and Enumeration.....	140.00 each
Allergen Evaluation (cat, dog, cockroach, etc., per species) .....	55.00 each
Allergen Evaluation (dust mite).....	100.00 each
Total Volatile Organic Scan (TO-15, 10 day turn-around).....	455.00 each
Aldehyde Scan .....	270.00 each
Formaldehyde .....	115.00 each
X-ray Fluorescence (XRF) equipment (lead-based paint) .....	250.00 per day
Lead in Air Sample .....	35.00 each
Lead Bulk/Chip Sample.....	25.00 each
Lead Wipe Sample.....	25.00 each
Lead TCLP Sample.....	175.00 each
Particulate Dust (silica).....	125.00 each
Ultra-Fine Particle Counter.....	250.00 per day
Ozone Meter.....	125.00 per day
Bioaerosol Monitor .....	135.00 per day
Single Stage Microbial Sampler .....	85.00 per day
Personal Sampling Pumps.....	85.00 per day
Drager Tube Pump.....	65.00 per day
Drager Tubes.....	19.00 each
Biotest Agar Strips.....	7.50 each
Moisture Meter.....	50.00 per day
Noise Dosimeter.....	50.00 per day
Mercury Vapor Analyzer .....	150.00 per day
EPA 18 (air).....	175.00 each
pH.....	18.00 each
Flashpoint.....	45.00 each
TOX (EPA 450.1) .....	125.00 each
Hardness as CaCO <sub>3</sub> (EPA 130.2).....	70.00 each
Nitrogen (nitrate or nitrite).....	35.00 each
TKN .....	55.00 each
Ortho-phosphate.....	28.00 each
Total phosphate.....	59.00 each
TSS.....	28.00 each
TDS.....	28.00 each
Sulfate .....	32.00 each
Total Sulfide.....	95.00 each
Metals, individual (ICP/200.7/6010) .....	30.00 each
Mercury (7470/7471).....	55.00 each
Hexavalent Chromium (7196/7197) .....	65.00 each
Metals, RCRA 8.....	170.00 each
Metals, RCRA 4.....	95.00 each
Metals, 13 Priority Pollutants .....	260.00 each



**EXHIBIT A**

**PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)**

**FEE SCHEDULE – 2012**

**Pinellas County**

**Consultant Services for Professional Engineering**

**Environmental and Geotechnical Services**

**Contract No. 112-0143-CN (AM)**

Metals, 23 Target Analyte List .....	445.00 each
Semi-Volatile Organic Compounds (EPA 8270; TCL list) .....	325.00 each
Polynuclear Aromatic Hydrocarbons (EPA 8270 or 8310) .....	145.00 each
Volatile Organic Aromatics (BTEX + MTBE).....	95.00 each
Volatile Organic Halocarbons (VOH or solvents).....	105.00 each
Volatile Organic Compounds (EPA 8260; VOA + VOH).....	145.00 each
Volatile Organic Compounds (EPA 8260; TCL list).....	225.00 each
BTEX, MTBE, Naphthalene.....	105.00 each
EDB .....	75.00 each
Organochlorine Pesticides (EPA 8081) .....	130.00 each
Organophosphorus Pesticides (EPA 8141 or 8270).....	165.00 each
Triazine Pesticides (EPA 8270) .....	160.00 each
PCB's (EPA 8082).....	105.00 each
Herbicides (EPA 8151 or 8321).....	190.00 each
FL-PRO.....	115.00 each
TRPH Working Group (speciation) .....	325.00 each
1,4-Dioxane (water only).....	140.00 each
Full TCLP .....	860.00 each
TCLP/SPLP Extraction Fee (standard or ZHE).....	70.00 each
TCLP/SPLP Metals (RCRA 8) .....	170.00 each
TCLP/SPLP Volatiles (EPA 8260).....	225.00 each
TCLP/SPLP Semi-Volatiles (EPA 8270; BNA only).....	325.00 each
TCLP/SPLP Pesticides (EPA 8081) .....	130.00 each
TCLP/SPLP Herbicides (EPA 8151 or 8321).....	190.00 each
NPDES Table 4.....	475.00 each
Ignitability.....	45.00 each
Reactivity (Total Cyanide and Sulfide) .....	95.00 each
Corrosivity (pH).....	35.00 each
Pre-burn (VOH, FL-PRO, 4 metals) .....	275.00 each
Full Priority Pollutant List (excluding asbestos, dioxins, furans).....	900.00 each
Ellutriate Test Prep Fee.....	525.00 each

**F. ENVIRONMENTAL DRILLING SERVICES**

Mobilization.....	\$250.00 per event
Geoprobe (or equivalent) Drilling Rig (2-man crew) .....	1,825.00 per day
Well Permit .....	65.00 each
Shallow Monitor Well (1/2, 3/4, or 1-inch diameter, 15 ft ±).....	225.00 each
Monitor Well Pad and Completion (flush-mounted) .....	175.00 each
Well Completion with 4-inch Protective Steel Casing (above-grade) and Pad .....	205.00 each
Well Abandonment (<2-inch diameter) .....	10.00 per foot
55-gallon Steel Drum.....	65.00 each



**EXHIBIT A**

**PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)**

**FEE SCHEDULE – 2012**

**Pinellas County**

**Consultant Services for Professional Engineering**

**Environmental and Geotechnical Services**

**Contract No. 112-0143-CN (AM)**

Well Development/Decontamination (2-man crew) .....	165.00 per hour
Permitting and Well Completion Report Processing .....	65.00 per hour

**G. GEOTECHNICAL FIELD EXPLORATION**

Truck-Mounted Drill Rig:

- Mobilization.....	\$400.00 per project
- Power Auger Borings .....	9.00 per linear foot (L.F.)
Standard Penetration Test (SPT) Borings	
- (0 - 50' Depths) .....	\$11.00 per L.F.
- (50 - 100' Depths) .....	14.00 per L.F.
- (100 - 150' Depths) .....	22.50 per L.F.
Rock Coring (2 ¾ inch diameter)	
- (0 - 50' Depths) .....	40.00 per L.F.
- (50 - 100' Depths) .....	50.00 per L.F.
- (100 - 150' Depths) .....	65.00 per L.F.
Rock Coring (4 inch diameter)	
- (0 - 50' Depths) .....	60.00 per L.F.
- (50 - 100' Depths) .....	75.00 per L.F.
- (100 - 150' Depths) .....	95.00 per L.F.
Casing Installation	
- (0 - 50' Depths) .....	7.00 per L.F.
- (50 - 100' Depths) .....	9.00 per L.F.
- (100 - 150' Depths) .....	12.00 per L.F.
Seal Boreholes with Cement / Bentonite	
- (0 - 50' Depths) .....	4.00 per L.F.
- (50 - 100' Depths) .....	5.50.00 per L.F.
- (100 - 150' Depths) .....	7.00 per L.F.
Extra Split Spoon Samples	
- (0 - 50' Depths) .....	30.00 each
- (50 - 100' Depths) .....	50.00 each
- (100 - 150' Depths) .....	75.00 each
Well Installation, Piezometer, Observation Well (2-inch diameter)	
- (0 - 25' Depths) .....	37.00 per L.F.
- (25 - 50' Depths) .....	45.00 per L.F.

All-Terrain Vehicle / Track Mounted Drilling Rig:

- Mobilization.....	650.00 per project
- Power Auger Borings .....	10.50 per L.F.
Standard Penetration Test (SPT) Borings	
- (0 - 50' Depths) .....	12.50 per L.F.
- (50 - 100' Depths) .....	15.00 per L.F.



**EXHIBIT A**

**PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)**

**FEE SCHEDULE – 2012**

**Pinellas County**

**Consultant Services for Professional Engineering**

**Environmental and Geotechnical Services**

**Contract No. 112-0143-CN (AM)**

- (100 - 150' Depths) .....	17.5.00 per L.F.
Rock Coring (2 ¾ inch diameter)	
- (0 - 50' Depths) .....	45.00 per L.F.
- (50 - 100' Depths) .....	55.00 per L.F.
- (100 - 150' Depths) .....	70.00 per L.F.
Rock Coring (4 inch diameter)	
- (0 - 50' Depths) .....	65.00 per L.F.
- (50 - 100' Depths) .....	80.00 per L.F.
- (100 - 150' Depths) .....	100.00 per L.F.
Casing Installation	
- (0 - 50' Depths) .....	7.50 per L.F.
- (50 - 100' Depths) .....	10.00 per L.F.
- (100 - 150' Depths) .....	13.00 per L.F.
Seal Boreholes with Cement/Bentonite	
- (0 - 50' Depths) .....	4.50 per L.F.
- (50 - 100' Depths) .....	6.00 per L.F.
- (100 - 150' Depths) .....	8.00 per L.F.
Extra Split Spoon Samples	
- (0 - 50' Depths) .....	35.00 each
- (50 - 100' Depths) .....	60.00 each
- (100 - 150' Depths) .....	85.00 each
<u>Barge Mounted Drilling Rig:</u>	
- Mobilization.....	15,000.00 each
- Safety Boat .....	400.00 per day
Standard Penetration Test (SPT) borings	
- (0 - 50' Depths) .....	15.00 per L.F.
- (50 - 100' Depths) .....	20.00 per L.F.
- (100 - 150' Depths) .....	35.00 per L.F.
Rock Coring (2 ¾ inch diameter)	
- (0 - 50' Depths) .....	65.00 per L.F.
- (50 - 100' Depths) .....	80.00 per L.F.
- (100 - 150' Depths) .....	100.00 per L.F.
Rock Coring (4 inch diameter)	
- (0 - 50' Depths) .....	75.00 per L.F.
- (50 - 100' Depths) .....	90.00 per L.F.
- (100 - 150' Depths) .....	110.00 per L.F.
Casing Installation	
- (0 - 50' Depths) .....	9.00 per L.F.
- (50 - 100' Depths) .....	11.00 per L.F.
- (100 - 150' Depths) .....	13 per L.F.



**EXHIBIT A**

**PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)**

**FEE SCHEDULE – 2012**

**Pinellas County**

**Consultant Services for Professional Engineering**

**Environmental and Geotechnical Services**

**Contract No. 112-0143-CN (AM)**

Seal Boreholes with Cement/Bentonite	
- (0 - 50' Depths) .....	6.00 per L.F.
- (50 - 100' Depths) .....	7.50 per L.F.
- (100 - 150' Depths) .....	10.65 per L.F.
Extra Split Spoon Samples	
- (0 - 50' Depths) .....	46.00 each
- (50 - 100' Depths) .....	63.00 each
- (100 - 150' Depths) .....	114.00 each

**H. OTHER GEOTECHNICAL**

Clear / Develop Wells - Drill Crew Time .....	\$165.00 per hour
Muck Survey (2-Man Crew) .....	750.00 per day
Flagman & Barricades (2-Man Crew) .....	1250.00 per day
Undisturbed Shelby Samples	
- (0 - 50' Depths) .....	180.00 each
- (50 - 100' Depths) .....	215.00 each
Double Ring Infiltration Test .....	425.00 per test
Field Borehole Permeability Test .....	425.00 per test
Pavement Cores .....	125.00 each
Well Finish - 4" Protective Steel Casing (above-grade) with 18" Square Pad.....	195.00 each
Ground Penetrating Radar .....	2,400 per day
PDA Equipment .....	600.00 per day
WEAP Analysis .....	400.00 each
CAPWAP Analysis .....	450.00 each

**I. GEOTECHNICAL SOIL TESTING**

Identification and Classification:

Natural Moisture Content, ASTM D-2216 .....	\$9.00 each
Unit Weight and Moisture Content from Undisturbed Sample .....	35.00 each
Liquid and Plastic Limit ASTM D-423 and D-424 .....	90.00 each
Specific Gravity .....	45.00 each
Grain Size Determinations	
- Full Sieve .....	75.00 each
- Wash through # 200 .....	45.00 each
- Hydrometer Analysis .....	460.00 each
Organic Content .....	35.00 each
Soil Corrosivity Index – FDOT .....	185.00 each



**EXHIBIT A**

**PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)  
FEE SCHEDULE – 2012  
Pinellas County  
Consultant Services for Professional Engineering  
Environmental and Geotechnical Services  
Contract No. 112-0143-CN (AM)**

**Consolidation:**

Consolidation Test of Undisturbed Sample, including loading to  
Over-burden Pressure, Unloading and Reloading..... 750.00 each

**Shear Strength:**

Unconfined compression test on Shelby Tube Sample..... 225.00 each  
Triaxial Compression - CU/point..... 600.00 each  
Triaxial Compression Test - UU/point..... 700.00 each  
Unconfined Compression Test Rock Sample ..... 175.00 each  
Split Tensile Test ..... 100.00 each

**Laboratory Permeability:**

On Undisturbed Shelby Tube..... 450.00 each  
On Re-Molded Sample ..... 750.00 each

**Compaction and Stabilization:**

Standard or Modified Proctor on soil (AASHTO T-99 or T-180, 4" mold) ..... 105.00 each  
Modified Proctor on Limerock (AASHTO T-180, 6" mold) ..... 120.00 each  
Laboratory LBR including Modified Proctor ..... 325.00 each

**J. SUB-CONSULTANT SERVICES**

Overhead and Operating Mark-Up for Sub-Consultant Services ..... 0 % (none)

**NOTES:**

1. Personnel rates are billed on a portal to portal basis.
2. Direct-push (Geoprobe or equivalent) daily rate does not include difficult access, interior drilling, off-shore or barge-mounted drilling.
3. Maximum depth for direct-push depends on site conditions and is generally less than 60 feet.
4. Other services not listed will be quoted on a per project basis and shall be approved by the Pinellas County Project Manager or designated contact.





**Exhibit "A"**

**See the following Fee Schedules**

**S&ME, Inc. – Prime**

**S&ME, INC.**

**Schedule of Hourly Rates  
for  
*Pinellas County Purchasing Department***

**Consultant Services for professional Engineering for Environmental and Geotechnical  
Services Contract No.: 112-0143-CN (AM).**

<b>Item</b>	<b>Unit</b>	<b>Rate</b>
Senior Principal Consultant	per hour	\$185
Principal Consultant	per hour	\$165
Senior Engineer/Hydrogeologist/Ecologist	per hour	\$120
Licensed Asbestos Consultant	per hour	\$115
Senior Project Engineer/Hydrogeologist/Ecologist	per hour	\$110
Project Engineer/Hydrogeologist/Ecologist	per hour	\$95
Asbestos Supervisor	per hour	\$85
Staff Engineer/Hydrogeologist/Ecologist	per hour	\$75
Certified Asbestos Inspector	per hour	\$65
CADD Operator/Technical Illustrator	per hour	\$65
Sr. Technician	per hour	\$65
Technician	per hour	\$55
Clerical	per hour	\$40



First Tier Subconsultants

**MBA**

MASON BLAU & ASSOCIATES, INC.

Architects, Planners AA 0002779  
4625 East Bay Drive, Suite #228  
Clearwater, FL 33764  
(727) 530-0570 phone  
[www.masonblau.com](http://www.masonblau.com)

**SCHEDULE OF RATE VALUES**

<b>MASON BLAU &amp; ASSOCIATES, INC. – Architectural Professional Services</b>	<b>PER HOUR</b>
<i>Principal</i>	\$150.00
<i>Architect</i>	\$125.00
<i>Project Manager</i>	\$100.00
<i>Construction Administrator</i>	\$100.00
<i>Senior Designer</i>	\$80.00
<i>Junior Designer</i>	\$70.00
<i>Clerical</i>	\$55.00



**First Tier Subconsultants Continued**

Pinellas County Purchasing Department  
Consultant Services for Professional Engineering for Environmental and Geotechnical Services  
Contract No. 112-0143-CN(AM)



**Hourly Direct Salary Rates**

<b>Labor Category</b>	<b>Rate</b>
Administrative Assistant .....	\$70
Brownfields Specialist .....	\$135
Construction Manager .....	\$180
Construction Engineer .....	\$110
Designer .....	\$110
Director .....	\$185
Engineer .....	\$135
Environmental Scientist/Geologist .....	\$95
Field Technician .....	\$85
GIS Programmer .....	\$120
GIS Technician .....	\$110
Landscape Architect .....	\$170
Planner .....	\$120
Principal .....	\$250
Professional Geologist .....	\$135
Project Engineer .....	\$135
Project Manager .....	\$165
Senior Designer .....	\$110
Senior Environmental Technician .....	\$105
Senior Engineer/Hydrogeologist/Ecologist .....	\$165
Senior GIS Analyst .....	\$130
SUE Designating Truck & Crew/Per Day .....	\$2,200
SUE Locating Truck & Crew/Per Day .....	\$2,600
SUE Manager .....	\$110
Surveyor .....	\$180
Survey Crew (3-Man)/Per Day .....	\$1,400
Survey Crew (4-Man)/Per Day .....	\$1,700
Technician .....	\$90



First Tier Subconsultants Continued

**McCarthy & Associates  
Consulting Engineers**

**CURRENT HOURLY BILLING RATES - 2012**

**A. Principals-in Charge**

1. E. Michael McCarthy,	P.E. President	180.00
2. Jeffrey J. Salemme, P.E.	Sr. Vice President	160.00
3. Robert Selinsky, P.E.	Vice President	160.00

**B. Project Managers**

1. Brian Hsi, P.E.	Project Manager	145.00
2. Christopher Lee, P.E.	Project Manager	145.00

**C. Structural Designers**

1. Justin Duncan	Structural Designer	135.00
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**D. Construction Administrators**

1. Mark Erkkila	Construction Admin.	95.00
2. Pat Dunfield	Construction Admin.	95.00

**E. CAD Operators**

1. Neil Murphy	CAD Operator	95.00
2. Gregg Pattee	CAD Operator	95.00
3. Amy Lang	CAD Operator	95.00

**F. Clerical**

1. Pam Spidel	Secretary	55.00
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2555 Nursery Road, Suite 101, Clearwater, FL 33764 Phone: 727-536-8772 Fax: 727-538-9125



First Tier Subconsultants Continued



**GRINER ENGINEERING, INC.**

1628 FIRST AVENUE NORTH  
ST. PETERSBURG, FLORIDA 33713

PHONE: (727) 822-2335  
FAX: (727) 821-3361

2012 Hourly Rate Schedule

Principal	\$125
Registered Project Manager	\$95
Non-Registered Project Manager	\$85
Senior Designer	\$80
Project Engineer	\$75
Designer	\$65
CADD Operator	\$50
Clerical	\$40



**First Tier Subconsultants Continued**



**M. P. SPYCHALA  
& ASSOC., INC.**

**CONSULTING ENGINEERS**

240 PINE AVENUE NORTH. \* OLDSMAR, FL. 34677  
PH.(813)855-2721\* FX.(813)855-2741

[MPSPYCH@SPYCHALAENGINEERS.COM](mailto:MPSPYCH@SPYCHALAENGINEERS.COM)

**28 YEARS OF EXCELLENCE 1984 – 2012**

**Hourly Rate Schedule**

Principal .....	\$ 125.00 per hour
Professional Engineer .....	\$ 100.00 per hour
Project Manager .....	\$ 100.00 per hour
Engineer .....	\$ 85.00 per hour
Designer .....	\$ 85.00 per hour
CADD Operator .....	\$ 70.00 per hour
Clerical .....	\$ 55.00 per hour



**First Tier Subconsultants Continued**



Senior Project Manager	\$120
Project Manager	\$90
Senior Superintendent	\$90
Superintendent	\$80
Administrative Assistant	\$55
Estimator	\$85



13 July 2012

Ms Amelia McFarlane, Senior Procurement Analyst  
Board of County Commissioners  
Pinellas County Purchasing  
400 S. Ft. Harrison, 6th Floor  
Clearwater, FL 33756

Ph: 727.464.3311  
Fx: 727.464.3925  
email: [amcfarlane@pinellascounty.org](mailto:amcfarlane@pinellascounty.org)

**Subject: Requested Resubmission of Fee Schedule  
Professional Engineering & Geotechnical Services  
Contract No.: 112-0143-CN (AM)  
AMEC Proposal PROP12TMPA-023**

*Via e-mail*

Dear Ms McFarlane:

AMEC Environment and Infrastructure, Inc. (AMEC) is presenting this revised Fee Schedule in response as requested in your letter dated 29 May 2012 and your subsequent e-mail dated 03 July, 2012. In addition, please note that we have removed reference to the *Other Fee/Charges* that were included in previous submittal, dated 08 March 2012.

Please note that the reduction has achieved an overall targeted reduction of 10% for all the items listed and specifically an almost 20% reduction for those specific items that we have been able to revise. We feel that this is what we can offer to assist the County in accommodating their budget and economic restraints during this unique time.

If there are further comments, questions or input, please contact us accordingly.

Sincerely,

**AMEC Environment and Infrastructure, Inc.**

Walter Reigner, P.E.  
Principal-in-Charge/Vice-President

Russell E. Stauffer, P.E.  
Principal Engineer/Project Manager

P:\FACILITY\2012\Proposals\Proposals\12-023 Pinellas Co Env-Geo Services\Revised Pricing Attachment A\12-023 Pinellas Geo-Env Pricing Revision.docx

**Correspondence:**  
AMEC Environment & Infrastructure, Inc.  
4919 W. Laurel Street  
Tampa, Florida 33607  
USA  
Tel +1 (813) 289 0750  
Fax +1 (813) 289 5474



**FEE SCHEDULE (Rev)**  
Rates Effective through 12/31/2012

**1.0 FEE SCHEDULE FOR PROFESSIONAL SERVICES – GEOTECHNICAL AND CONSTRUCTION MATERIALS TESTING**

<u>Labor</u>	<u>Hourly Rates</u>
Senior Principal/ Chief Engineer/Expert Witness	\$160
Senior Professional II/Project Manager/Contract Manager, P.E., P.G.	\$130
Senior Professional/Project Manager/ Project Engineer/ Geologist	\$130
Project Professional II/ Project Manager/Engineer/Geologist/Scientist	\$115
Project Professional/Project Manager/Engineer/Geologist/Scientist	\$115
Staff Professional II/ Project Manager/Engineer/Geologist/Scientist	\$100
Staff Professional/Project Manager/Engineer/Geologist/Scientist	\$100
Technician II	\$60
Technician I	\$55
Senior Designer	\$80
Senior Designer CADD/GIS Technician	\$80
CADD/GIS Technician	\$70
Programmer	\$100
GPR Specialist	\$70
Researcher/Coordinator	\$50
Administrative/Clerical	\$45

**1.1 SOILS AND MATERIAL TESTING RATE SCHEDULE**

<u>Laboratory Soil and Aggregate Testing</u>	
Natural Soil Moisture Content	\$15 Each
Percent Passing #200 Sieve (Wet Wash)	\$25 Each
Atterberg Limits (Plasticity testing) excludes #200 Sieve	\$65 Each
Hydrometer Analysis	\$130 Each
Gradation Analysis (mechanical) excludes #200 Sieve	\$50 each
Specific Gravity	\$120Each
Settling Test	\$180Each
Organic Content excludes #200 Sieve	\$40 Each
Limerock Bearing Ratio w/Modified Proctor	\$300 each
Florida Bearing Value	\$40 Each
Field Permeability	\$350 per test
Piezometer or Temporary Monitoring Wells	\$18 per feet
Test Pits	\$300 Each
Moisture Density Test (Standard or Modified Proctor)	\$150 per test
Outside laboratory Testing	Cost + 10%
<u>Field Testing</u>	
Field Density and Moisture Determination Soil Sampling	\$55 Hour
Double Ring Infiltration (w/in 18" surface) (travel not included)	\$350 hour
<u>Asphalt/Concrete Coring</u>	
Equipment Mobilization	\$250 Day
Core Sampling	\$55 Hour
<u>Concrete Testing</u>	
Field and Laboratory Testing, Sampling, Molding Cylinders, Slump Tests, Field Air Content Tests, Temperature Tests, Compressive Strength Break, Mortar Cubes, Molding Grout Prisms, Curing, Capping, Compressive Strength Tests and Travel Time	\$55 Hour
<u>Equipment/Other</u>	
Equipment Rentals	Cost + 10%
Subcontractor Costs	Cost + 10%
Other Laboratory Testing	Cost + 10%



**FEE SCHEDULE (Rev)**  
Rates Effective through 12/31/2012

**2.0 FEE SCHEDULE FOR PROFESSIONAL SERVICES - ENVIROMENTAL AND INDUSTRIAL HYGIENE**

<u>Labor</u>	<u>Hourly Rates</u>
Chief Engineer/Expert Witness	\$160
Senior Principal/Principal/Project Manager/P.E., P.G, FLAC, MRSA	\$130
Project Professional/Engineer/ Geologist/ Scientist/Coordinator	\$100
Staff Professional/ Engineer/ Geologist/ Scientist/Coordinator	\$85
Technician II	\$60
Technician I	\$50
Senior Designer, Risk Assessor	\$90
CADD/GIS Technician	\$50
Administrative/Clerical	\$45

**2.1 TESTING AND EQUIPMENT - ENVIROMENTAL AND INDUSTRIAL HYGIENE**

<u>Equipment</u>	<u>Rates</u>
Impact Sampler for Airborne Microbial Sampling	\$50
XRF for Instantaneous readout for lead concentrations in coatings (daily)	\$75

Testing

Polarized Light Microscopy (bulk material analysis for asbestos content)	\$15
Phase Contrast Microscopy (air sample analysis for airborne fiber concentration)	\$8
Transmission electron Microscopy (air sample analysis for airborne asbestos concentration)	\$50
Asbestos-Containing Roof Materials, per sample	\$32
Air-O-Cell A001 (air sample analysis for airborne fungal spores)	\$50
IAQ Microscopic Screen (surface sample analysis for fungal spores)	\$50
LBP Chip Sample (FAA)	\$15
LBP Air Sample (FAA)	\$15

Equipment/Other

Equipment Rentals	Cost + 10%
Subcontractor Costs	Cost + 10%
Other Laboratory Testing	Cost + 10%

Hourly rates are from portal to portal from 8:00 AM to 5:00 PM, Monday to Friday.  
Hourly rate on approval overtime and weekends will be estimated as 1.5 x hourly rate.



13 July 2012

Ms Amelia McFarlane, Senior Procurement Analyst  
Board of County Commissioners  
Pinellas County Purchasing  
400 S. Ft. Harrison, 6th Floor  
Clearwater, FL 33756

Ph: 727.464.3311  
Fx: 727.464.3925  
email: [amcfarlane@pinellascounty.org](mailto:amcfarlane@pinellascounty.org)

**Subject: Requested Resubmission of Fee Schedule  
Professional Engineering & Geotechnical Services  
Contract No.: 112-0143-CN (AM)  
AMEC Proposal PROP12TMPA-023**

*Via e-mail*

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If there are further comments, questions or input, please contact us accordingly.

Sincerely,

**AMEC Environment and Infrastructure, Inc.**

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Principal-in-Charge/Vice-President

Russell E. Stauffer, P.E.  
Principal Engineer/Project Manager

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**Correspondence:**  
AMEC Environment & Infrastructure, Inc.  
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Tampa, Florida 33607  
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Tel +1 (813) 289 0750  
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**FEE SCHEDULE (Rev)**  
Rates Effective through 12/31/2012

**1.0 FEE SCHEDULE FOR PROFESSIONAL SERVICES – GEOTECHNICAL AND CONSTRUCTION MATERIALS TESTING**

<u>Labor</u>	<u>Hourly Rates</u>
Senior Principal/ Chief Engineer/Expert Witness	\$160
Senior Professional II/Project Manager/Contract Manager, P.E., P.G.	\$130
Senior Professional/Project Manager/ Project Engineer/ Geologist	\$130
Project Professional II/ Project Manager/Engineer/Geologist/Scientist	\$115
Project Professional/Project Manager/Engineer/Geologist/Scientist	\$115
Staff Professional II/ Project Manager/Engineer/Geologist/Scientist	\$100
Staff Professional/Project Manager/Engineer/Geologist/Scientist	\$100
Technician II	\$60
Technician I	\$55
Senior Designer	\$80
Senior Designer CADD/GIS Technician	\$80
CADD/GIS Technician	\$70
Programmer	\$100
GPR Specialist	\$70
Researcher/Coordinator	\$50
Administrative/Clerical	\$45

**1.1 SOILS AND MATERIAL TESTING RATE SCHEDULE**

<b><u>Laboratory Soil and Aggregate Testing</u></b>	
Natural Soil Moisture Content	\$15 Each
Percent Passing #200 Sieve (Wet Wash)	\$25 Each
Atterberg Limits (Plasticity testing) excludes #200 Sieve	\$65 Each
Hydrometer Analysis	\$130 Each
Gradation Analysis (mechanical) excludes #200 Sieve	\$50 each
Specific Gravity	\$120Each
Settling Test	\$180Each
Organic Content excludes #200 Sieve	\$40 Each
Limerock Bearing Ratio w/Modified Proctor	\$300 each
Florida Bearing Value	\$40 Each
Field Permeability	\$350 per test
Piezometer or Temporary Monitoring Wells	\$18 per feet
Test Pits	\$300 Each
Moisture Density Test (Standard or Modified Proctor)	\$150 per test
Outside laboratory Testing	Cost + 10%
<b><u>Field Testing</u></b>	
Field Density and Moisture Determination Soil Sampling	\$55 Hour
Double Ring Infiltration (w/in 18" surface) (travel not included)	\$350 hour
<b><u>Asphalt/Concrete Coring</u></b>	
Equipment Mobilization	\$250 Day
Core Sampling	\$55 Hour
<b><u>Concrete Testing</u></b>	
Field and Laboratory Testing, Sampling, Molding Cylinders, Slump Tests, Field Air Content Tests, Temperature Tests, Compressive Strength Break, Mortar Cubes, Molding Grout Prisms, Curing, Capping, Compressive Strength Tests and Travel Time	\$55 Hour
<b><u>Equipment/Other</u></b>	
Equipment Rentals	Cost + 10%
Subcontractor Costs	Cost + 10%
Other Laboratory Testing	Cost + 10%



**FEE SCHEDULE (Rev)**  
Rates Effective through 12/31/2012

**2.0 FEE SCHEDULE FOR PROFESSIONAL SERVICES - ENVIROMENTAL AND INDUSTRIAL HYGIENE**

<u>Labor</u>	<u>Hourly Rates</u>
Chief Engineer/Expert Witness	\$160
Senior Principal/Principal/Project Manager/P.E., P.G, FLAC, MRSA	\$130
Project Professional/Engineer/ Geologist/ Scientist/Coordinator	\$100
Staff Professional/ Engineer/ Geologist/ Scientist/Coordinator	\$85
Technician II	\$60
Technician I	\$50
Senior Designer, Risk Assessor	\$90
CADD/GIS Technician	\$50
Administrative/Clerical	\$45

**2.1 TESTING AND EQUIPMENT - ENVIROMENTAL AND INDUSTRIAL HYGIENE**

<u>Equipment</u>	<u>Rates</u>
Impact Sampler for Airborne Microbial Sampling	\$50
XRF for Instantaneous readout for lead concentrations in coatings (daily)	\$75

Testing

Polarized Light Microscopy (bulk material analysis for asbestos content)	\$15
Phase Contrast Microscopy (air sample analysis for airborne fiber concentration)	\$8
Transmission election Microscopy (air sample analysis for airborne asbestos concentration)	\$50
Asbestos-Containing Roof Materials, per sample	\$32
Air-O-Cell A001 (air sample analysis for airborne fungal spores)	\$50
IAQ Microscopic Screen (surface sample analysis for fungal spores)	\$50
LBP Chip Sample (FAA)	\$15
LBP Air Sample (FAA)	\$15

Equipment/Other

Equipment Rentals	Cost + 10%
Subcontractor Costs	Cost + 10%
Other Laboratory Testing	Cost + 10%

Hourly rates are from portal to portal from 8:00 AM to 5:00 PM, Monday to Friday.  
Hourly rate on approval overtime and weekends will be estimated as 1.5 x hourly rate.



**Gannett Fleming**

*Excellence Delivered As Promised*

June 7, 2012

Ms. Amelia McFarlane  
Pinellas County Board of County Commissioners  
400 South ft. Harrison, Sixth Floor  
Clearwater, Florida 33756

Subject: Schedule of Rate Values  
Consultant Services for Professional Engineering for  
Environmental and Geotechnical Services  
Contract no.: 112-0143-CN (AM)

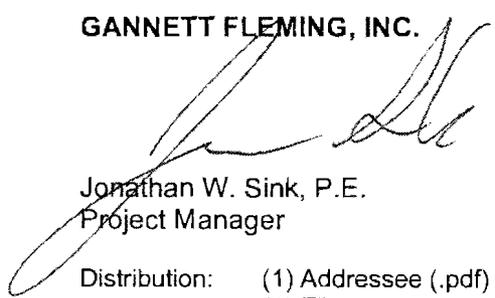
Dear Ms. McFarlane:

Gannett Fleming, Inc, (GF) is pleased to submit the attached "Exhibit A" - Schedule of Rate Values for the above referenced contract. The provided rates are fully-loaded. We understand the theses rates, including the subconsultant rates, will be held firm for the initial contract term of 36 months, with one possible additional 24 month term extension.

We look forward to working for the various departments at Pineilas County under this contract. If you have any questions or we can be of further assistance please don't hesitate to call upon us.

Sincerely,

**GANNETT FLEMING, INC.**



Jonathan W. Sink, P.E.  
Project Manager

Distribution: (1) Addressee (.pdf)  
(1) File

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Gannett Fleming, Inc.  
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[www.gannettfleming.com](http://www.gannettfleming.com)

Pinellas County  
 Consultant Services for Professional Engineering for  
 Environmental and Geotechnical Services  
 Contract No.: 112-0143-CN (AM)

Gannett Fleming, Inc.  
**"EXHIBIT A" - Schedule of Rate Values**

ITEM	DESCRIPTION	UNIT	RATE
<b>Engineering Services</b>			
01.010	Chief Engineer	Hour	\$175.00
01.020	Senior Project Manager	Hour	\$160.00
01.030	Project Manager	Hour	\$150.00
01.040	Senior Project Engineer	Hour	\$155.00
01.050	Project Engineer	Hour	\$120.00
01.060	Engineering Intern	Hour	\$90.00
01.070	Senior Geologist	Hour	\$145.00
01.080	Project Geologist/Scientist	Hour	\$90.00
01.090	Environmental Scientist	Hour	\$80.00
01.100	Field Scientist	Hour	\$75.00
01.110	Senior Engineering Technician	Hour	\$85.00
01.120	Engineering Technician	Hour	\$60.00
01.130	Cadd/Computer Technician	Hour	\$70.00
01.140	Secretary/Clerical/Project Assistant	Hour	\$55.00
<b>Field Equipment Mobilization/Usage</b>			
02.010	Truck/ATV/Track Rig	Mob	\$625.00
02.020	Drill Crew Support Vehicle	Day	\$55.00
02.030	Pavement Coring Rig	Mob	\$400.00
02.040	Mini-Barge (Pontoon)	Mob	\$425.00
02.050	Mini-Barge (Pontoon) Utilization	Day	\$450.00
02.060	Barge and Workboat (16'x40' quadtoon)	Mob	\$5,600.00
02.070	Barge and Work Boat Utilization	Day	\$1,000.00
02.080	Jon Boat	Day	\$63.00
02.090	Tripod Rig	Mob	\$380.00
02.100	Down-Hole Video Camera (includes DVD)	Day	\$200.00
<b>Standard Penetration Test (SPT) - 5' Centers Land Borings with All Rig Types</b>			
03.010.a	0 - 50 feet	Feet	\$13.00
03.010.b	50 - 100 feet	Feet	\$17.00
03.010.c	100 - 150 feet	Feet	\$27.00
03.010.d	150 - 200 feet	Feet	\$35.00
<b>Standard Penetration Test (SPT) - 5' Centers Water Borings with Rig on Barge</b>			
03.020.a	0 - 50 feet	Feet	\$19.00
03.020.b	50 - 100 feet	Feet	\$24.00
03.020.c	100 - 150 feet	Feet	\$42.00
03.020.d	150 - 200 feet	Feet	\$57.00
<b>Diamond Rock Coring - Land (4-Inch Diameter Double Barrel)</b>			
04.010.a	0 - 50 feet	Feet	\$47.00
04.010.b	50 - 100 feet	Feet	\$61.00
04.010.c	100 - 150 feet	Feet	\$74.00

**Pinellas County**  
**Consultant Services for Professional Engineering for**  
**Environmental and Geotechnical Services**  
**Contract No.: 112-0143-CN (AM)**

**Gannett Fleming, Inc.**  
**"EXHIBIT A" - Schedule of Rate Values**

ITEM	DESCRIPTION	UNIT	RATE
04.010.d	150 - 200 feet	Feet	\$100.00
<b><i>Diamond Rock Coring - Water (4-Inch Diameter Double Barrel)</i></b>			
04.020.a	0 - 50 feet	Feet	\$71.00
04.020.b	50 - 100 feet	Feet	\$94.00
04.020.c	100 - 150 feet	Feet	\$118.00
04.020.d	150 - 200 feet	Feet	\$155.00
<b><i>Diamond Rock Coring - Land (NX Size Double Barrel)</i></b>			
04.030.a	0 - 50 feet	Feet	\$38.00
04.030.b	50 - 100 feet	Feet	\$44.00
04.030.c	100 - 150 feet	Feet	\$52.00
04.030.d	150 - 200 feet	Feet	\$60.00
<b><i>Diamond Rock Coring - Water (NX Size Double Barrel)</i></b>			
04.040.a	0 - 50 feet	Feet	\$55.00
04.040.b	50 - 100 feet	Feet	\$69.00
04.040.c	100 - 150 feet	Feet	\$86.00
04.040.d	150 - 200 feet	Feet	\$108.00
<b><i>Grouting Boreholes</i></b>			
05.010.a	Grouting Boreholes - Land	Feet	\$5.50
05.010.b	Grouting Boreholes - Water	Feet	\$7.25
<b><i>Temporary Borehole Casing</i></b>			
06.010.a	Temporary Borehole Casing - Land (4-Inch Diameter)	Feet	\$8.00
06.010.b	Temporary Borehole Casing - Land (6-Inch Diameter)	Feet	\$13.00
06.010.c	Temporary Borehole Casing - Water (4-Inch Diameter)	Feet	\$13.00
06.010.d	Temporary Borehole Casing - Water (6-Inch Diameter)	Feet	\$19.00
<b><i>Miscellaneous</i></b>			
07.010	Auger Boring (ASTM D-1452)	Feet	\$11.50
07.020	Drilling, without Sampling	Feet	\$11.50
07.030.a	Shelby Tube Sample (Land Boring)	Sample	\$105.00
07.030.b	Shelby Tube Sample (Water Boring)	Sample	\$155.00
07.040	Constant Head Borehole Permeability Test	Test	\$290.00
07.050	Falling Head Borehole Permeability Test	Test	\$290.00
07.060	Double Ring Infiltrometer Test	Test	\$450.00
07.070	Field Vane Test	Test	\$365.00
07.080	Piezometer Installation 2" 0-50 ft	Feet	\$43.00
07.090	Locking Cover (riser or flush mount)	Each	\$190.00
07.100	Grouted Monitor Well 2" 0-50 ft	Feet	\$47.00
07.110.a	Plugging/Sealing Existing Water Wells - Labor and Equipment	Crew Hr	\$160.00
07.110.b	Plugging/Sealing Existing Water Wells - Materials	Bag	\$12.00
07.120	Obtain Asphalt Pavement Cores	Core	\$74.00
07.130	Obtain Concrete Pavement Cores	Core	\$86.00

**Pinellas County**  
**Consultant Services for Professional Engineering for**  
**Environmental and Geotechnical Services**  
**Contract No.: 112-0143-CN (AM)**

**Gannett Fleming, Inc.**  
**"EXHIBIT A" - Schedule of Rate Values**

ITEM	DESCRIPTION	UNIT	RATE
07.140	Drill Crews - Stand By Time	Hour	\$160.00
07.150.a	Difficult Access/Miscellaneous Drill Services - Land	Crew Hr	\$185.00
07.150.b	Difficult Access/Miscellaneous Drill Services - Water	Crew Hr	\$260.00
<b>Traffic Safety/MOT</b>			
08.010	Stage 1 (includes necessary signs, barricades & cones)	Day	\$275.00
08.020	Stage 2 (includes Stage 1 and 2 man crew with support vehicle/arrow panel, warning sign)	Day	\$1,350.00
08.030	Stage 3 (includes Stage 1 and 2 man crew and TMA)	Day	\$2,150.00
08.040	Support Vehicle (incl. Operator, Arrow Panel, Warning Sign, and Truck Mount Attenuator)	Day	\$1,600.00
08.050	Work vehicle with flashing beacon and operator.	Day	\$445.00
08.060	MOT Flagger (ATSA L1 Certification).	Hour	\$50.00
08.070	MOT Supervisor (ATSA L2 Certification).	Hour	\$90.00
08.080	Off-Duty Law Officer (w/ Marked Vehicle).	Hour	\$65.00
<b>Laboratory Testing</b>			
09.010	Natural Moisture Content of Soil Sample	Test	\$9.25
09.020	FM 1-T-011 Total amount of materials finer than the No. 200 sieve in aggregate	Test	\$35.00
09.030.a	AASHTO T88 Particle size analysis of soils (mechanical analysis only)	Test	\$80.00
09.030.b	AASHTO T88 Particle size analysis of soils (hydrometer and mechanical analysis)	Test	\$110.00
09.040	AASHTO T267 Determination of organic content by ignition loss.	Test	\$46.00
09.050	AASHTO T90 Plastic limit and plasticity index of soils.	Test	\$46.00
09.060	AASHTO T89 Liquid limit of soils.	Test	\$46.00
09.070	AASHTO T100 Specific gravity of soils.	Test	\$65.00
09.080	AASHTO T99 Moisture-Density (Standard)	Test	\$95.00
09.090	FM 5-521 Moisture-Density (Modified)	Test	\$95.00
09.100	Limerock Bearing Ratio Test (5 points)	Test	\$360.00
09.110	Extraction and Logging of Undisturbed Sample	Sample	\$39.00
09.120	Preparation of Remolded Sample	Sample	\$80.00
09.130	Torvane Tests on Undisturbed Sample	Test	\$8.00
09.140	Direct Shear Test (Consolidated-drained test at 3 confining pressures) (FM 1-T236)	Test	\$444.00
09.150.a	One-Dimension Consolidation Test (with one unload/reload cycle and C-alpha calculation)	Test	\$510.00
09.150.b	Additional Unload/Reload Cycle for Consolidation Test	Cycle	\$70.00
09.160	Unconsolidated - Undrained Triaxial Test (1 cell pressure) on Cohesive Soil (FM 1-T296)	Test	\$196.00
09.170	Consolidated - Undrained Triaxial Test (1 cell pressure) on Cohesive Soil (FM 1-T297)	Test	\$196.00
09.180	Consolidated - Drained Triaxial Test (1 cell pressure) on Soil Sample	Test	\$196.00
09.190	Unconfined Compression Test on Cohesive Soil Sample	Test	\$70.00
09.200	Permeability Test with Constant Gradient in Triaxial Cell	Test	\$380.00
09.210	Constant Head Permeability Test	Test	\$250.00
09.220.a	Corrosive Series: pH, resistivity, chloride, and sulfate of soil/water.	Test	\$160.00

**Pinellas County**  
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**Gannett Fleming, Inc.**  
**"EXHIBIT A" - Schedule of Rate Values**

ITEM	DESCRIPTION	UNIT	RATE
09.220.b	FM 5-550 Determining pH of soil and water.	Test	\$35.00
09.220.c	FM 5-551 Determining resistivity of soil and water.	Test	\$43.00
09.220.d	FM 5-552 Determining chloride in soil and water.	Test	\$43.00
09.220.e	FM 5-553 Determining sulfate in soil and water.	Test	\$43.00
09.220.f	FM 5-556 Chloride in retaining wall backfill soil.	Test	\$43.00
09.230	Compressive Strength of Rock Cores (ASTM D2938-79) in accordance w/ ASTM E-122.	Test	\$152.00
09.240	Splitting Tensile Strength of Rock Cores (ASTM D3967-86) in accordance w/ ASTM E-122.	Test	\$107.00
09.250	FM 5-563 Determination of asphalt content by ignition.	Test	\$155.00
09.260	FM 1-T030 Mechanical analysis of extracted aggregate.	Test	\$60.00
<b><i>Environmental Services - Office Activities, Part I</i></b>			
10.010	Proposal Preparation		\$536.08
10.020	File Review		\$583.13
10.030	Permits		\$730.45
10.040	Site Health & Safety Plan		\$341.70
10.050	Notice of Discovery of Contamination Package (Initial or TPOC)		\$270.59
<b><i>Environmental Services - Office Activities, Part II</i></b>			
11.010	Phase I ESA / SA Report		\$3,900.00
11.020	Letter / NPDES Report		\$282.27
11.030.a	O&M Quarterly Report		\$1,645.53
11.030.b	O&M Annual Report		\$3,036.45
11.040.a	Pilot Test Plan		\$730.17
11.040.b	Pilot Test Report		\$1,275.27
11.050.a	Level 1 LSRAP or RAP Modification		\$1,401.02
11.050.b	Level 2 LSRAP or RAP Modification		\$2,742.89
11.050.c	Level 3 LSRAP or RAP Modification		\$4,866.33
11.050.d	Level 4 LSRAP or RAP Modification		\$8,038.42
11.060.a	Level 1 Remedial Action Plan		\$12,072.42
11.060.b	Level 2 Remedial Action Plan		\$16,076.85
11.070	As-built Drawings (P.E. red lined)		\$617.81
11.080	Construction Drawings and Specs		\$3,398.01
11.090	RAC Bid Package Solicitation/Evaluation		\$1,916.72
11.100	RA Startup Report		\$2,386.61
11.110	Soil Source Removal Report		\$1,768.80
11.120	Natural Attenuation Plan		\$1,079.88
11.130	Remedial Action Interim Report		\$530.10
11.140	General Remedial Action Report		\$1,079.88
11.150.a	NA or Post RA Monitoring Quarterly Report		\$530.10
11.150.b	NA or Post RA Monitoring Annual Report		\$1,324.39
11.160	Well Abandonment Report		\$244.51

**Pinellas County**  
**Consultant Services for Professional Engineering for**  
**Environmental and Geotechnical Services**  
**Contract No.: 112-0143-CN (AM)**

**Gannett Fleming, Inc.**  
**"EXHIBIT A" - Schedule of Rate Values**

ITEM	DESCRIPTION	UNIT	RATE
11.170	Initial Map & Table Generation		\$1,863.05
<b>Environmental Services - Packaged Work Scopes</b>			
12.010	Pumping Test or Multi-phase Pilot Test (using in-house personnel)		\$3,048.90
12.020	Vapor Extraction or Air Sparging Pilot Test (using in-house personnel)		\$2,055.39
12.030	Air Sparging & Vapor Extraction Pilot Test (using in-house personnel)		\$3,197.27
12.040	Monthly O&M Visit		\$851.42
12.050.a	RAI Monthly O&M Allowance - Small System		\$2,776.92
12.050.b	RAI Monthly O&M Allowance - Medium System		\$3,254.33
12.050.c	RAI Monthly O&M Allowance - Large System		\$3,831.74
12.060	RAI Supplemental O&M Monthly Allowance - Thermax/Catox Treatment		\$476.03
<b>Environmental Services - Field Activities</b>			
13.010.a	Mobilization (2 persons)		\$810.76
13.010.b	Mobilization (1 person)		\$453.05
13.020	Drilling Setup (w/utility clearance)		\$565.93
13.030.a	SB for Soil Screening or Piezometer Install ( $\leq 10$ ft)		\$236.65
13.030.b	SB for Soil Screening or Piezometer Install ( $> 10$ ft to $\leq 30$ ft)		\$354.98
13.030.c	SB for Soil Screening or Piezometer Install ( $> 30$ ft)		\$473.31
13.040.a	Well Install ( $\leq 20$ ft)		\$484.26
13.040.b	Well Install ( $> 20$ ft to $\leq 40$ ft)		\$726.39
13.050.a	Well Install, double cased ( $\leq 40$ ft)		\$1,452.78
13.060.a	Recovery Well Install ( $\leq 40$ ft)		\$968.52
13.070.a	Air Sparging Well Install ( $\leq 40$ ft)		\$363.20
13.070.b	Soil VE Well Install ( $\leq 40$ ft)		\$236.65
13.080.a	Well or Piezometer Abandonment		\$85.65
13.080.b	Recovery or Multi-phase Well Abandonment		\$243.18
13.090	Well Sampling with Water Level		\$241.75
13.100	Water Level or Free Product Gauging		\$24.58
13.110	Free Product Gauging & Bailing (per well)		\$116.13
13.120	Area Survey		\$968.52
13.130	Whole Day Oversight [total days (to nearest 1/10th) x number of people]		\$894.28
13.140	Kit Allowance (total days to nearest 1/10th) (no per diem included)		\$342.06
13.150	Per Diem (total days x number of people)		\$117.96

**Pinellas County  
 Consultant Services for Professional Engineering for  
 Environmental and Geotechnical Services  
 Contract No.: 112-0143-CN (AM)**

**Gannett Fleming, Inc.  
"EXHIBIT A" - Schedule of Rate Values**

ITEM	DESCRIPTION	UNIT	RATE
	<b>Geoview - Geophysical Subconsultant</b>		
<b>Mobilization / Demobilization:</b> 1 of 2 person crew, equipment preparation, travel to job site		Lump Sum	\$250.00
<b>Electrical Resistivity Profiling:</b> 2 person crew, 112-channel AGI Super Sting vehicle, ancillary gear, data processing, crew per diem and report preparation		1/2 Day	\$1,200.00
		Day	\$2,100.00
<b>Ground Penetrating Radar:</b> 1 to 2 person crew, GSSI or MALA GPR System w/appropriate range antenna frequencies, vehicle, ancillary gear, data processing, crew per diem and report preparation		1/2 Day	\$800.00
		Day	\$1,400.00
<b>Seismic Refraction (w/hammer and plate energy source):</b> 2 person crew, 48-channel seismic system, vehicle, ancillary gear, data processing, crew per diem and report preparation		1/2 Day	\$1,300.00
		Day	\$2,200.00
<b>Seismic Reflection (w/hammer and plate energy source):</b> 2 person crew, 48-channel seismic system, vehicle, ancillary gear, data processing, crew per diem and report preparation		1/2 Day	\$1,800.00
		Day	\$2,800.00
<b>Multi-Channel Analysis of Surface Waves (Profiling):</b> 2 person crew, 24-channel seismic system, CDP cables, land streamer, vehicle, ancillary gear, data processing, crew per diem and report preparation		1/2 Day	\$1,300.00
		Day	\$2,200.00
<b>Additional Equipment:</b>			
<b>Global Positioning System:</b> Differentially corrected, sub-meter accuracy		1/2 Day	\$50.00
		Day	\$100.00
<b>All-Terrain Vehicle and Trailer</b>		1/2 Day	\$200.00
		Day	\$300.00

**ATTACHMENT**



# Price List Pinellas County

2012

## Volatile Organics

Analytes	Water Methods	Water Price/Sample	Soil Methods	Low Level Soil Price/Sample
BTEX/MTBE	624/8260	\$ 40.00	8260	\$ 55.00
BTEX/MTBE/Naphthalene	624/8260	\$ 50.00	8260	\$ 65.00
Volatile Aromatics (VOA)	624/8260	\$ 50.00	8260	\$ 65.00
Volatile Halocarbons (VOH)	624/8260	\$ 60.00	8260	\$ 75.00
Volatile Organics (VOA/VOH/Ketones)	624/8260	\$ 70.00	8260	\$ 85.00
Volatile Organics – extended	624/8260	\$90.00	8260	\$105.00
1,4-dioxane	8260	\$175.00	(subcontract)	

## Semi-Volatile Organics – GC & GC/MS

Analytes	Water Methods	Water Price/Sample	Soil Methods	Soil Price/Sample
1,2-Dibromoethane (EDB)	504, 8011	\$ 50.00	8260	\$ 50.00
Polynuclear Aromatic Hydrocarbons (PAHs)	625, 8270 (8310 avail.)	\$ 90.00	8270	\$ 90.00
Organochlorine Pesticides	8081	\$ 90.00	8081	\$ 90.00
Organophosphorous Pesticides (8141 list)	8270	\$ 120.00	8270	\$ 120.00
Triazine Pesticides	8270	\$125.00	8270	\$125.00
Polychlorinated Biphenyls	8082	\$ 60.00	8082	\$ 60.00
Polychlorinated Biphenyls	8082 (Oil)	\$ 60.00	--	--
Chlorinated Herbicides	8151	\$ 150.00	8151	\$ 150.00
Semivolatile Organics	625, 8270	\$ 200.00	8270	\$ 200.00
Endothall	548	\$ 125.00	548Mod.	\$ 150.00
Total Petroleum Hydrocarbons	FLPRO	\$ 65.00	FLPRO	\$ 65.00
TPH Working Group (PRO Speciation)	TPHCWG	\$250.00	TPHCWG	\$275.00

## Semi-Volatile Organics – LC

Analytes	Water Methods	Water Price/Sample	Soil Methods	Soil Price/Sample
Carbamates	8318	\$ 150.00	8318	\$ 150.00
Quaternary Ammonium Herbicides (Diquat/Paraquat)	549	\$ 125.00	549Mod.	\$ 200.00
Glyphosate	547	\$ 75.00	547Mod.	\$ 100.00
Explosives	8330	\$ 150.00	8330	\$ 150.00
Chlorinated Herbicides	8321	\$100.00	8321	\$100.00
Diuron/Linuron (Phenylurea Herbs)	8321	\$100.00	8321	\$100.00

SunLabs, Inc.  
5460 Beaumont Center Blvd., Suite 520  
Tampa, Florida 33634

Phone: (813) 881-9401  
Fax: (813) 354-4661  
E-mail: info@SunLabsInc.com



# Price List Pinellas County

2012

## Metals/Elements

Analytes	Water Methods	Water Price/Sample	Soil Methods	Soil Price/Sample
Metals – ICP	200.7, 6010	\$ 9.00	6010	\$ 9.00
Mercury	245.1, 7470	\$ 25.00	7471	\$ 25.00
Hexavalent Chromium	7196	\$ 20.00	7196	\$ 50.00
Total Phosphorous	6010	\$ 9.00	6010	\$ 9.00
RCRA 4 metals	6010	\$ 36.00	6010	\$ 36.00
RCRA 8 metals	Var. ICP/Hg	\$ 65.00	6010/7471	\$ 65.00
Priority Pollutant Metals (PPM)	Var. ICP/Hg	\$ 110.00	6010/7471	\$ 110.00
Target Analyte Metals (TAL)	Var. ICP/Hg	\$ 150.00	6010/7471	\$ 150.00

ICP = Method 200.7 or 6010

Hg = Method 245.1 or 7470

## Hazardous Waste Characterization (TCLP) and SPLP

Analytes	Water / Liquid Methods	Water Price/Sample	Soil Methods	Soil Price/Sample
TCLP – Full (includes extractions and all TCLP analyses)	Various	\$ 645.00	Various	\$ 645.00
TCLP – ZHE (required for TCLP volatiles)	1311	\$ 50.00	1311	\$ 50.00
TCLP – Std. Extraction	1311	\$ 50.00	1311	\$ 50.00
TCLP – Volatiles	8260	\$ 90.00	8260	\$ 90.00
TCLP – Semivolatiles (BNA)	8270	\$ 200.00	8270	\$ 200.00
TCLP – Metals	6010/7471	\$ 65.00	6010/7471	\$ 65.00
TCLP – Pesticides	8081	\$ 90.00	8081	\$ 90.00
TCLP – Herbicides	8321	\$ 100.00	8321	\$ 100.00
Corrosivity (pH)	9040	\$ 15.00	9045C	\$ 25.00
Ignitability/Flashpoint*	1010	\$30.00	1010	\$30.00
Total Cyanide	335.2	\$50.00	9012A*	\$50.00
Total Sulfide*	376.1	\$30.00	9030A	\$50.00
SPLP Extraction	--	--	1312	\$50.00
SPLP ZHE Extraction (required for any SPLP volatiles)	--	--	1312	\$50.00

## Air Analyses (via tedlar bags)

Analytes	Methods	Price/Sample
BTEX/MTBE/THC	Mod. TO-3/ Method 18	\$ 95.00
VOA/VOH in air	Method 18	\$ 95.00

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Fax: (813) 354-4661  
E-mail: info@SunLabsInc.com



# Price List Pinellas County

2012

## Inorganics

Analytes	Water / Liquid Methods	Water Price/Sample	Soil Methods	Soil Price/Sample
Ammonia	350.1	\$16.00	(Subcontract)	
Bromide	300.0	\$12.00	300.0	\$20.00
Chloride	300.0	\$12.00	300.0	\$20.00
Color (incl. pH)	SM2120B	\$20.00	--	--
Fluoride	300.0	\$12.00	300.0	\$20.00
Nitrate	300.0	\$12.00	300.0	\$20.00
Nitrite	300.0	\$12.00	300.0	\$20.00
ortho-phosphate	300.0	\$12.00	300.0	\$20.00
Total Phosphorous	365.4	\$12.00	(See 6010 pricing)	
Sulfate	300.0	\$12.00	300.0	\$20.00
Total Dissolved Solids (TDS)	SM2540	\$20.00	--	--
Total Suspended Solids (TSS)	SM2540	\$15.00	--	--
Total Kjeldahl Nitrogen (TKN)	351.2	\$25.00	351.2	\$50.00

## Group Pricing

Group	Water Price/Sample	Soil Price/Sample
NPDES Table 4 (incl. LL-Hg blank)*	\$436.00	--
Appendix I	\$265.00	--
Appendix II	\$1300.00	--
Appendix IX	\$1850.00	--
KAG (Table B)	\$284.00	\$210.00
Used Oil Group (Table C)	\$431.00	\$446.00
PreBurn (VOH, RCRA4, FL-PRO)	--	\$176.00

## Drinking Water (Primary/Secondary Standards)\*

Group	Water Price/Sample
Table 1 – Inorganic Compounds	\$375.00
Table 2 – Disinfectant Residuals	\$35.00
Table 3 – Disinfection Byproducts	\$190.00
Table 4 – VOC	\$65.00
Table 5 – SOC (not including Dioxin)	\$850.00
Table 6 – Secondary DWS	\$200.00

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# Price List Pinellas County

2012

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Additional analyses are available. SunLabs analyzes a wide variety of analytes not listed on this price list. Please contact SunLabs for availability and pricing.

\* Listed analyses marked with \* may include some tests that are subcontracted to NELAC-certified laboratories, based on SunLabs' certification at the time of sample receipt. The client will always be informed prior to subcontracting if an analysis is to be performed by another laboratory.

## Expedited Analyses

The standard turn around time for these analyses is 7-10 working days from receipt of the last sample. If an expedited turn around time is required, a multiplier is applied to the standard prices. These multipliers are:

Turn Around Time	Multiplier
Three-six (3-6) business days	1.25 X
Two business days (approx. 48 Hrs)	1.50 X
One business day (approx. 24 Hrs)	2.00 X
Less than 24 Hrs.	3.00 X

Please note that these turn around times are not always achievable for all analyses. The lab, prior to the submittal of samples, must approve expedited turn around times. Times are approximate and depend upon the time of day that the sample is received by SunLabs.



I. FIELD INVESTIGATION	Unit		Unit Price
Mobilization of Men and Equipment			
Truck-Mounted Equipment	Trip	\$	324.00
Specialized ATV/Mudbug	Trip	\$	649.00
Support Vehicle	Trip	\$	145.00
Cone Penetrometer Equipment	Trip	\$	340.00
Barge-Mounted Equipment	Trip	\$	7138.00
Barge Equipment with Tug	Day	\$	2575.00
Safety Boat	Day	\$	515.00
Standard Penetration Test Borings (By Truck-Mounted Equipment)			
Land: 0 - 50 ft depth	L.F.	\$	12.00
50 - 100 ft depth	L.F.	\$	16.00
100 - 150 ft depth	L.F.	\$	29.00
150 - 200 ft depth	L.F.	\$	43.00
Standard Penetration Test Borings (By ATV/Mudbug)			
Land: 0 - 50 ft depth	L.F.	\$	14.00
50 - 100 ft depth	L.F.	\$	17.00
100 - 150 ft depth	L.F.	\$	30.00
150 - 200 ft depth	L.F.	\$	43.00
Standard Penetration Test Borings (Track-Mounted)			
Land: 0 - 50 ft depth	L.F.	\$	18.00
50 - 100 ft depth	L.F.	\$	24.00
100 - 150 ft depth	L.F.	\$	28.00
150 - 200 ft depth	L.F.	\$	43.00
Standard Penetration Test Borings (By Barge-Mounted Equipment)			
0 - 50 ft depth	L.F.	\$	20.00
50 - 100 ft depth	L.F.	\$	26.00
100 - 150 ft depth	L.F.	\$	49.00
150 - 200 ft depth	L.F.	\$	73.00
Cone Penetrometer Test Borings			
0 - 100 ft depth	L.F.	\$	12.00
100 - 200 ft depth	L.F.	\$	15.00
Grout-Seal Boreholes (By Truck-Mounted Equipment)			
Land: 0 - 50 ft depth	L.F.	\$	5.00
50 - 100 ft depth	L.F.	\$	6.00
100 - 150 ft depth	L.F.	\$	9.00
150 - 200 ft depth	L.F.	\$	12.00

Grout-Seal Boreholes (By ATV/Mudbug)			
Land: 0 - 50 ft depth	L.F.	\$	6.00
50 - 100 ft depth	L.F.	\$	7.00
100 - 150 ft depth	L.F.	\$	9.00
150 - 200 ft depth	L.F.	\$	11.00
Grout-Seal Boreholes (Track-Mounted)			
Land: 0 - 50 ft depth	L.F.	\$	7.00
50 - 100 ft depth	L.F.	\$	9.00
100 - 150 ft depth	L.F.	\$	14.00
150 - 200 ft depth	L.F.	\$	18.00
Grout-Seal Boreholes (By Barge-Mounted Equipment)			
0 - 50 ft depth	L.F.	\$	8.00
50 - 100 ft depth	L.F.	\$	10.00
100 - 150 ft depth	L.F.	\$	16.00
150 - 200 ft depth	L.F.	\$	21.00
Casing Allowance (By Truck-Mounted Equipment)			
Land: 0 - 50 ft depth	L.F.	\$	8.00
50 - 100 ft depth	L.F.	\$	9.00
100 - 150 ft depth	L.F.	\$	11.00
150 - 200 ft depth	L.F.	\$	14.00
Casing Allowance (By ATV/Mudbug)			
Land: 0 - 50 ft depth	L.F.	\$	10.00
50 - 100 ft depth	L.F.	\$	13.00
100 - 150 ft depth	L.F.	\$	16.00
150 - 200 ft depth	L.F.	\$	20.00
Casing Allowance (Track-Mounted)			
Land: 0 - 50 ft depth	L.F.	\$	12.00
50 - 100 ft depth	L.F.	\$	14.00
100 - 150 ft depth	L.F.	\$	16.00
150 - 200 ft depth	L.F.	\$	21.00
Casing Allowance (By Barge-Mounted Equipment)			
0 - 50 ft depth	L.F.	\$	13.00
50 - 100 ft depth	L.F.	\$	16.00
100 - 150 ft depth	L.F.	\$	18.00
150 - 200 ft depth	L.F.	\$	33.00
Rock Coring (Structures) (By Truck-Mounted Equipment)			
0 - 50 ft deep	L.F.	\$	34.00
50 - 100 ft deep	L.F.	\$	47.00
100 - 150 ft depth	L.F.	\$	57.00

Rock Coring (Structures) (By ATV/Mudbug)			
0 - 50 ft deep	L.F.	\$	41.00
50 - 100 ft deep	L.F.	\$	48.00
100 - 150 ft deep	L.F.	\$	62.00
Rock Coring (Structures) (Track-Mounted)			
0 - 50 ft deep	L.F.	\$	40.00
50 - 100 ft deep	L.F.	\$	53.00
100 - 150 ft deep	L.F.	\$	72.00
Rock Coring (Structures) (By Barge-Mounted Equipment)			
0 - 50 ft deep	L.F.	\$	44.00
50 - 100 ft deep	L.F.	\$	58.00
100 - 150 ft deep	L.F.	\$	77.00
Field Permeability Tests	Test	\$	270.00
Flagmen & Barricades (2 man crew)	Day	\$	854.00
Florida Patrolmen (Traffic Control)	Hour	\$	35.00
Arrow Rental Sign	Day	\$	71.00
Permit Costs \$100 per six borings	Day	\$	103.00
Auger Borings Roadway and Ponds	L.F.	\$	10.00
Extra Split Spoon Samples	Each	\$	37.00
Hand Muck Probes (2-man crew)	Day	\$	854.00
Thin Walled Shelby Tube Samples (Land)	Each	\$	184.00
2-Inch Piezometer Installation	L.F.	\$	42.00
Standby/Decontamination (Drill Rig & Crew)	Hour	\$	195.00
Double Ring Infiltration Test	Test	\$	497.00
Organic Vapor Analyzer (OVA)	Day	\$	227.00
Power Auger Boring (includes steam cleaning to a depth of 25 feet)	L.F.	\$	12.00
Pavement Cores, Asphalt	Each	\$	95.00
Concrete Cores	Each	\$	206.00
Per Diem-Two Man Crew	Day	\$	155.00

## II. LABORATORY TESTING

Visual Examination/Stratify 1 set = 5 feet	Per Set	\$	4.00
Natural Moisture Content Tests	Test	\$	8.00
Grain-Size Analysis - Full Gradation	Test	\$	61.00
Grain-Size Analysis - Single Sieve	Test	\$	39.00
Organic Content Tests	Test	\$	40.00
Atterberg Limit Tests	Test	\$	91.00
Liquid Limit Tests (Only)	Test	\$	56.00
Plastic Limit Tests (Only)	Test	\$	36.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	\$	162.23
Unit Weight Determination	Test	\$	41.00
a) Consolidation Tests	Test	\$	405.00
b) Each additional load increment above 4TSF	Each	\$	26.00
Specific Gravity	Test	\$	58.00
Triaxial Shear Tests (3 Points)	Test	\$	346.00
Rock Compression Test	Test	\$	108.00
Split Tension Test	Test	\$	108.00
LBR Test	Test	\$	314.00
Permeability Test	Test	\$	270.00
Grain-Size with Hydrometer	Test	\$	124.00
Proctor Test a) Modified	Test	\$	117.00
b) Standard	Test	\$	110.00
Concrete Compression	Test	\$	155.00
Chloride Testing	Test	\$	155.00
Petrographic Testing	Test	\$	1648.00
Swell Test	Test	\$	162.00

Sample Preparation	Hour	\$	74.00
Direct Shear Strength Test (1 Point)	Test	\$	270.00
Soil Cement Mix Designs	Each	\$	1051.00
pH Test	Test	\$	29.00
Fines Content	Test	\$	43.00
Extrusion of UD	Test	\$	28.00
Bitumen Extraction	Test	\$	113.00
Bitumen Gradation	Test	\$	113.00
<b>III. FIELD ENGINEERING AND TECHNICAL SERVICES</b>			
Site Recon./Utility Coordination/Traffic Control Senior Specialist	Hour	\$	101.00
Sr. Engineering Technician	Hour	\$	67.00
Engineering Technician	Hour	\$	57.00
<b>IIIA. ENGINEERING AND TECHNICAL SERVICES</b>			
Project Manager	Hour	\$	159.00
Senior Project Engineer	Hour	\$	129.00
Senior Specialist	Hour	\$	101.00
Project Engineer	Hour	\$	109.00
Engineering Intern	Hour	\$	90.00
Computer Technician	Hour	\$	80.00
Sr Engineering Technician	Hour	\$	67.00
Engineering Technician	Hour	\$	57.00
Secretary/Clerical	Hour	\$	52.00
Senior Scientist	Hour	\$	76.00

**Estimated Project Fee**



HOURLY BILLING RATES FOR  
Consultant Services for Professional Engineering for Environmental and Geotechnical Services  
Contract Number 112-0143-CN (AM)

Supervisor	\$ 125.00
Designer	\$ 110.00
Estimator	\$ 95.00
Drafter	\$ 90.00
Spec Writer	\$ 85.00
Typist	\$ 65.00

# STRUCTURAL ENGINEERING AND INSPECTIONS, INC. SEI

July 13, 2012

Edmund A Smith, Jr. CHMM, CIEC  
GLE Associates, Inc.  
Facilities & Environmental Consultants  
4300 W. Cypress St., Ste 400  
Tampa, FL 33607

Re: Various Projects

Mr. Smith

SEI (Consultant) is pleased to present an estimate of work / proposal for various services to you (Client / Contractor).

**Table 1**

<b>Prevailing Hourly Rates for Professional Services***</b>	
<b>Position</b>	<b>Hourly Rate</b>
Professional Engineer	\$225.00
Project Manager	\$130.00
Drafter / Tech	\$85.00
Monitor	\$65.00
Assistant / Clerical	\$60.00
Expert Witness	\$390.00

**Fees are based on the prevailing hourly rate:**

As always, if you should have any questions or need additional information, please feel free to contact us.

Regards,  
Structural Engineering and Inspections, Inc.

GAGLE\General.doc

Thomas E Miller, PE  
President



# **Echezabal & Associates, Inc.**

## **Surveying & Mapping**

108 Country Club Drive  
P.O. Box 280056

Tampa, Florida 33612  
Tampa, Florida 33682

813-933-2505  
FAX 813-933-2721

### **EXHIBIT A**

#### **Echezabal & Associates, Inc. 2012 Current Rates**

#### ***Field Support***

	<u>Hourly Rate</u>	<u>Daily Rate</u>
3 – Person Survey Crew	\$ 139.00	\$ 1112.00
4 – Person Survey Crew	\$ 174.00	\$ 1392.00
5 – Person Survey Crew	\$ 208.00	\$ 1664.00

#### ***Office Support***

<u>Classification</u>	<u>Hourly Rate</u>
Sr. Surveyor & Mapper	\$137.00
Surveyor & Mapper	\$111.00
Sr. Technician	\$ 89.00
Secretary / Clerical	\$ 55.00

## SCHEDULE 'A'

Standard Hourly Rates Eff. 2/1/07		
	Per Hr.	Per Day
Field Crew		
2 Man	\$100.00	\$800.00
3 Man	\$125.00	\$1,000.00
Field supervisor	\$75.00	\$600.00
Drafter I	\$35.00	\$280.00
Drafter II	\$45.00	\$360.00
Sr. Technician	\$50.00	\$400.00
PSM	\$150.00	\$1,200.00
Clerical	\$35.00	\$280.00
Hazardous Conditions (Hazmat, Heights, Hi volume traffic areas) Add 25%		
Example ALTA Survey		
2 Man	Day	800.00
Sr. Technician	Day	400.00
PSM	1/2 Day	600.00
Clerical	1/2 Day	140.00
<b>TOTAL</b>		<b>\$1,940.00</b>





HSW ENGINEERING, INC.  
CHARGES FOR PROFESSIONAL SERVICES  
Pinellas County

January 2012

The charges for services provided by HSW consist of: 1) an hourly fee for any professional staff member actively working on a project; 2) ~~reimbursement of project expenses and supplies~~; 3) reimbursement of subcontractor and other special costs; and 4) use and rental charges for equipment and materials. Invoices for these charges and expenses will be submitted for payment once each month (except for subcontractor invoices, which may be billed as received) unless another arrangement has been agreed upon.

Hourly fees for various classifications of HSW personnel are indicated below. The hourly fees include all labor, direct / indirect overhead, profit, and customary expenses including copies, telephone, facsimiles, and postage.

Principal Consultant/Engineer	\$180.00
Senior Technical Consultant	155.00
Senior: Scientist II/Engineer II	130.00
Senior: Scientist I/Engineer I	115.00
Project: Scientist II/Engineer II	105.00
Project: Scientist I/Engineer I	95.00
Staff: Scientist II/Engineer II	85.00
Staff: Scientist I/Engineer I	75.00
Construction Manager	90.00
Technician III/Field Supervisor	80.00
Technician II	70.00
Technician I	60.00
Senior Designer	90.00
Designer	78.00
CADD Operator	65.00
Clerical II	55.00
Clerical I	45.00

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**Project Expenses and Supplies:** Non-customary project-related expenses are chargeable at cost and may include travel costs and living expenses for personnel required to be away from the Tampa Bay Metropolitan Statistical Area in connection with the work, shipping costs for samples and other materials, expendable supplies and specialized equipment purchased specifically for a project, and premiums for insurance required by the client in addition to normal coverage. Travel costs and living expenses for project-related work outside of the Tampa Bay Metropolitan Statistical Area will be charged in accordance with the Florida Statutes, as periodically amended.

**Equipment and Materials:** Use of equipment and materials owned or leased by HSW will be billed at fixed unit prices. A summary of these rates will be provided upon request.

**Subcontracts:** Subcontractor charges and costs of rental of specialized equipment necessary for the work, together with any other costs not associated with normal overhead, are billed at cost.

**Litigation Support Services:** Billed at 1.25 times the base rate for time spent on depositions, in court room and equivalent.

**Terms:** Due upon receipt. A finance charge of one and one-half percent per month will be charged on accounts more than 30 days past due.



June 7, 2012  
(via email)

Ms. Amelia McFarlane  
Senior Procurement Analyst  
PINELLAS COUNTY PURCHASING  
400 South Ft. Harrison, Sixth Floor  
Clearwater, FL 33756

RE: Schedule of Rate Values  
Consultant Services for Professional Engineering for Environmental and Geotechnical Services  
Contract No.: 112-0143-CN (AM)

Dear Ms. McFarlane:

As requested, attached please find our Schedule of Rate Values for the above referenced contract. The Schedule has been designated as "Exhibit A" to be attached to the contract between URS Corporation and Pinellas County.

If you have any questions or require additional information, please let us know. We look forward to working with Pinellas County during the life of this contract.

Respectfully submitted,  
**URS CORPORATION**

A handwritten signature in black ink, appearing to read "Frederick K. Walker".

Frederick K. Walker, P. E.  
Vice President

Attachment - Exhibit A – Schedule of Rate Values

URS Corporation  
7650 West Courtney  
Campbell Causeway  
Tampa, FL 33607-1462  
Tel: 813.286.1711  
Fax: 813.287.8591



EXHIBIT A - SCHEDULE OF RATE VALUES  
PUBLIC WORKS PROFESSIONAL ENGINEERING FOR  
ENVIRONMENTAL AND GEOTECHNICAL SERVICES

Description	Unit	2012 Unit Price
<b>URS Corporation Southern</b>		
<b>Professional Services</b>		
Project Principal	Hour	\$195.00
Project Manager	Hour	\$155.00
Task Leaders / Sr Engineer / Sr Geologist / Sr Scientist / Sr Architect	Hour	\$155.00
Project Engineer / Geologist / Scientist / Architect / Surveyor	Hour	\$145.00
Engineer / Geologist / Scientist / Architect	Hour	\$100.00
Technician	Hour	\$75.00
GIS / CADD Support	Hour	\$75.00
Clerical Support	Hour	\$60.00
<b>Laboratory Testing Services</b>		
Consolidation Testing	Each	\$510.00
Triaxial Test (UU)	Each	\$140.00
Triaxial Test (CU)	Each	\$320.00
Triaxial Test (CD)	Each	\$400.00
Standard Triaxial Permeability	Each	\$280.00
Constant Head Permeability	Each	\$225.00
<b>Equipment</b>		
Pile Driving Analyzer (PDA) - Mobilization	Each	\$350.00
Pile Driving Analyzer (PDA) - Equipment	Day	\$580.00
Pile Integrity Tester (PIT) - Equipment	Day	\$350.00
Vibration Monitoring Equipment	Day	\$150.00
Hermit Datalogger, 2-Channel	Day	\$107.00
In-situ Pressure Transducers, 20 psi	Day	\$46.00
<b>Land Surveying</b>		
2-Man Crew (8-hour day)	Day	\$950.00
3-Man Crew (8-hour day)	Day	\$1,250.00



**EXHIBIT A - SCHEDULE OF RATE VALUES  
PUBLIC WORKS PROFESSIONAL ENGINEERING FOR  
ENVIRONMENTAL AND GEOTECHNICAL SERVICES**

Description	Unit	2012 Unit Price
<b>Ambient Technologies, Inc.</b>		
<b>Geotechnical Field Services</b>		
Drill Rig Mobilization	Each	\$250.00
(1) SPT Drilling - 5' Centers :		
0' - 50'	Foot	\$9.00
50' - 100'	Foot	\$14.00
100' - 150'	Foot	\$17.25
Additional SPT Samples :		
0' - 50'	Each	\$26.00
50' - 75'	Each	\$47.50
75' - 100'	Each	\$56.75
Shelby Tube Samples :		
0' - 50'	Each	\$100.00
50' - 75'	Each	\$180.00
75' - 100'	Each	\$220.00
Rotary Wash Drilling (<50 blows/ft)	Foot	\$9.00
Rock Drilling (>50 blows/ft w/o sampling)	Foot	\$27.50
Rock Coring (NQ):		
0' - 50'	Foot	\$38.50
50' - 100'	Foot	\$45.00
Rock Coring (4" Diam):		
0' - 50'	Foot	\$57.75
50' - 100'	Foot	\$67.50
4-inch Steel Casing	Foot	\$5.15
6-inch Steel Casing	Foot	\$9.25
Boring Abandonment (4" - grout or bentonite)	Foot	\$8.00
Boring Abandonment (6" - grout or bentonite)	Foot	\$10.50
Test Pit Equipment Mobilization	Each	\$450.00
Test Pit Excavations	½ -Day	\$730.00
Test Pit Excavations	Day	\$1,020.00
Standby or Other Crew Services	Hour	\$155.00
<b>Geophysical Services</b>		
Geophysical Equipment Mobilization	Each	\$250.00
Utility Designation Services	½ -Day	\$1,050.00
Utility Designation Services	Day	\$1,400.00
Utility Designation w/ACAD / ARCView Mapping	½ -Day	\$1,425.00
Utility Designation w/ACAD / ARCView Mapping	Day	\$1,900.00
Vacuum Excavation (dependent on concrete coring)	½ -Day	\$1,200.00
Vacuum Excavation (dependent on concrete coring)	Day	\$1,600.00
(2) Rebar / Concrete Reinforcing Studies	½ -Day	\$1,425.00
(2) Rebar / Concrete Reinforcing Studies	Day	\$1,900.00
(3) Geological Characterization Studies	½ -Day	\$2,250.00
(3) Geological Characterization Studies	Day	\$3,000.00
Standby or Other Crew Services	Hour	\$250.00



**EXHIBIT A - SCHEDULE OF RATE VALUES**  
**PUBLIC WORKS PROFESSIONAL ENGINEERING FOR**  
**ENVIRONMENTAL AND GEOTECHNICAL SERVICES**

Description	Unit	2012 Unit Price
<b>Ambient Technologies, Inc. (continued)</b>		
<b>Environmental Field Services - Conventional Rig</b>		
Environmental Equipment Mobilization	Each	\$250.00
<sup>(4)</sup> SPT Drilling - 5' Centers :		
0' - 50'	Foot	\$10.00
50' - 100'	Foot	\$13.00
100' - 150'	Foot	\$17.25
1" - 2" Well Installation :		
0' - 50'	Foot	\$23.25
50' - 100'	Foot	\$25.25
100' - 150'	Foot	\$28.00
3" - 4" Well Installation :		
0' - 50'	Foot	\$30.50
50' - 100'	Foot	\$32.75
100' - 150'	Foot	\$36.00
Double Cased Well (6" Surface Casing)	Foot	\$36.75
Double Cased Well (8" Surface Casing)	Foot	\$49.30
4" Borehole Grouting	Foot	\$6.00
6" Borehole Grouting	Foot	\$8.40
8" Borehole Grouting	Foot	\$11.45
1" - 2" Well Abandonment (including grouting)	Foot	\$5.80
3" - 4" Well Abandonment (including grouting)	Foot	\$8.20
5" - 6" Well Abandonment (including grouting)	Foot	\$10.70
2' x 2' Well Pad Removal and Patch	Each	\$81.30
<b>Direct Push Technology - DPT with Geoprobos</b>		
<sup>(4)</sup> <sup>(5)</sup> Direct Push Rig	½ -Day	\$1,200.00
<sup>(4)</sup> <sup>(5)</sup> Direct Push Rig	Day	\$1,400.00
Pre-Packed Well Screen - 5' Length, 1" ID, 1.7" OD	Each	\$95.00
Slotted PVC Well Screen - 10' Length, 1" OD	Each	\$22.00
Well Riser - 10' Length, 1" OD	Each	\$18.00
Well Development (submersible pump, shallow GW)	Each	\$100.00
Well Completion (8" MH w/cover, pad, & prep)	Each	\$115.00
Well Completion (4" above grade protector w/2' x 2' pad)	Each	\$165.00
DOT Approved 55 Gallon Drum	Each	\$55.00
Standby or Other Crew Services	Hour	\$182.32
Well Construction or Abandonment (per permit)	Each	\$90.00
Well Decontamination Areas (if needed)	Each	\$400.00

<sup>(1)</sup> Continuous SPTs for first 10', 5' intervals thereafter

<sup>(2)</sup> Depends on project type and need for 3D processing of data

<sup>(3)</sup> Depends on project type and need for 3D processing of data. Geophysical method will depend on required depth and resolution of the investigation.

<sup>(4)</sup> Can be used in conjunction with well installation. Includes decontamination.

<sup>(5)</sup> Includes expendables, tubing, points, liners, caps, plugs, grouting.



EXHIBIT A - SCHEDULE OF RATE VALUES  
PUBLIC WORKS PROFESSIONAL ENGINEERING FOR  
ENVIRONMENTAL AND GEOTECHNICAL SERVICES

Description	Unit	2012 Unit Price
<b>Ambient Technologies, Inc. (continued)</b>		
<b>Land Surveying &amp; Mapping Services</b>		
Surveying 2-man Crew	1/2-Day	\$650.00
Surveying 2-man Crew (up to 10 hours)	Day	\$995.00
2-man Crew Rate	Hour	\$100.00
Professional Land Surveyor	Hour	\$125.00
Project Manager	Hour	\$85.00
Additional Survey Technician to make 3-man crew	Hour	\$65.00
Draftsman / CADD Technician	Hour	\$55.00



**EXHIBIT A - SCHEDULE OF RATE VALUES**  
**PUBLIC WORKS PROFESSIONAL ENGINEERING FOR**  
**ENVIRONMENTAL AND GEOTECHNICAL SERVICES**

Description	Unit	2012 Unit Price
<b>Test Lab, Inc.</b>		
<b>Geotechnical Field Services</b>		
Drill Rig Mobilization:	0 - 25 miles	Each \$380.00
	26 - 50 miles	Each \$460.00
	51 - 75 miles	Each \$560.00
SPT Drilling (<50 blows/ft) :	0 - 50'	Foot \$11.00
	50' - 75'	Foot \$13.00
	75' - 100'	Foot \$15.00
	100' - 150'	Foot \$21.00
SPT Drilling (>50 blows/ft) :	0' - 50'	Foot \$14.00
	50' - 75'	Foot \$16.00
	75' - 100'	Foot \$20.00
	100' - 150'	Foot \$24.00
Auger or Wash Borings :	0' - 50'	Foot \$9.00
	50' - 100'	Foot \$10.50
Additional SPT Samples :	0' - 100'	Each \$40.00
Shelby Tube Samples		Each \$195.00
Rock Coring (1.5" diam) :	Set-Up	Boring \$55.00
	0' - 100'	Foot \$55.00
Temporary Casing		Foot \$6.00
Observation Wells (up to 2" diam.)		Foot \$25.00
Observation Wells (up to 2" diam.) in Existing Boreholes		Foot \$15.00
Grouting of Borings or Wells		Foot \$4.50
Double Ring Infiltrometer (DRI) Test		Each \$675.00
Cone Penetrometer Testing (Static or Dynamic)		Foot \$8.00
Ground Penetrating Radar (GPR) Services		Hour \$90.00
Field Density Test - Nuclear Method		Site Visit \$22.00
Field Density Test - Sand Cone Method		Site Visit \$45.00
Florida Bearing Value (FBV)		Site Visit \$50.00
Asphalt Cores		Hour \$95.00
Diamond Bit Charge (per inch of diameter per inch drilled)		Inches \$1.25
Generator		Day \$85.00
Maintenance of Traffic		Day \$400.00
Standby or Other Crew Services		Hour \$165.00
<b>Geotechnical Laboratory Testing Services</b>		
Natural Moisture Content (NMC)		Each \$35.00
Unit Weight and NMC (Undisturbed Samples)		Each \$45.00
Atterberg Limits Including NMC		Each \$100.00
Grain Size Analysis w/FDOT Classification		Each \$200.00
Moisture - Density Relation :	Standard	Each \$100.00
	Modified	Each \$105.00
	Additional Check Points	Each \$25.00
Permeability		Each \$325.00
Limerock Bearing Ratio (LBR)		Each \$425.00
Organic Content		Each \$50.00
Bitumen Content and Gradation		Each \$225.00
Marshall Stability (3 samples mixed)		Each \$135.00
Asphalt Density Determination		Each \$25.00
<sup>(1)</sup> Sample Pick-up (portal to portal)		Hour \$38.00

<sup>(1)</sup> Applies when samples are picked up for laboratory testing at times when no other field testing is required or when time sensitive testing is needed.



**EXHIBIT A - SCHEDULE OF RATE VALUES  
PUBLIC WORKS PROFESSIONAL ENGINEERING FOR  
ENVIRONMENTAL AND GEOTECHNICAL SERVICES**

SunLabs, Inc.

**Environmental Laboratory Testing Services**

Testing Parameters	Matrix Soil (S) Water (W) Air (A)	Standard Turnaround Time (days)	Required Turnaround Time			
			2012 Unit Price			
			Std	3-day	48-hrs	24-hrs
<b>Most Common Parameters</b>						
BTEX-MTBE by EPA 8260	S	7 to 10	\$55.00	\$68.75	\$82.50	\$110.00
BTEX-MTBE by EPA 8260	W	7 to 10	\$40.00	\$50.00	\$60.00	\$80.00
FL PRO - Florida Petroleum Range Organics	S,W	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
Semi-Volatiles by EPA 8270, 625	S,W	7 to 10	\$200.00	\$250.00	\$300.00	\$400.00
PAHs by EPA 8270	S,W	7 to 10	\$90.00	\$112.50	\$135.00	\$180.00
<b>Volatiles</b>						
BTEX by EPA 8260B	S	7 to 10	\$55.00	\$68.75	\$82.50	\$110.00
BTEX by EPA 8260B or EPA 624	W	7 to 10	\$40.00	\$50.00	\$60.00	\$80.00
BTEX in Air by Modified EPA 18	A	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
BTEX w/ Napthalene (special DEP use only) via 8260	S	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
BTEX w/ Napthalene (special DEP use only) via 8260	W	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
EPA 18 (BTEX + GRO)	A	7 to 10	\$95.00	\$118.75	\$142.50	\$190.00
Mineral Spirits by 8015B	S,W	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
Non-Halogenated Solvents (MEK, MIBK) by EPA 8260	S	7 to 10	\$85.00	\$106.25	\$127.50	\$170.00
	W	7 to 10	\$70.00	\$87.50	\$105.00	\$140.00
	S	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
TPH GRO by EPA 5030/5035/8015	W	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
TPH GRO in AIR by Modified EPA TO-3	A	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
VOHs by EPA 8260	S	7 to 10	\$75.00	\$93.75	\$112.50	\$150.00
VOHs by EPA 8260	W	7 to 10	\$60.00	\$75.00	\$90.00	\$120.00
VOH + VOA by EPA 8260 or 624	S	7 to 10	\$85.00	\$106.25	\$127.50	\$170.00
VOH + VOA by EPA 8260 or 624	W	7 to 10	\$70.00	\$87.50	\$105.00	\$140.00
Full List Volatiles by EPA 8260	S	7 to 10	\$105.00	\$131.25	\$157.50	\$210.00
Full List Volatiles by EPA 8260, 624	W	7 to 10	\$90.00	\$112.50	\$135.00	\$180.00
Volatiles Library Search (TICs) with 8260 run	S,W	7 to 10	\$40.00	\$40.00	\$40.00	\$40.00
<b>Semi-Volatiles</b>						
FL PRO - Florida Petroleum Range Organics	S,W	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
Herbicides by EPA 8151	S,W	7 to 10	\$150.00	\$187.50	\$225.00	n/a
Herbicides by EPA 8321	S,W	7 to 10	\$100.00	\$125.00	\$150.00	\$200.00
EDB by EPA 504.1 or 8011	W	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
EDB by EPA 8260	S	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
PAHs by EPA 8270	S,W	7 to 10	\$90.00	\$112.50	\$135.00	\$180.00
PCBs by EPA 8082	S,W	7 to 10	\$60.00	\$75.00	\$90.00	\$120.00
Pesticides by EPA 8081 / 608	S,W	7 to 10	\$90.00	\$112.50	\$135.00	\$180.00
Pesticides by EPA 8270	S,W	7 to 10	\$120.00	\$150.00	\$180.00	\$240.00
Semi-Volatiles by EPA 8270, 625	S,W	7 to 10	\$200.00	\$250.00	\$300.00	\$400.00
Semi-Volatiles Library Search (TICs) with 8270 run	S,W	7 to 10	\$40.00	\$40.00	\$40.00	\$40.00
TPH DRO by EPA 8015M	S,W	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
TPH Speciation by Florida TPHCWG	S	7 to 10	\$275.00	\$343.75	\$343.75	\$343.75
TPH Speciation by Florida TPHCWG	W	7 to 10	\$250.00	\$312.50	\$312.50	\$312.50



**EXHIBIT A - SCHEDULE OF RATE VALUES**  
**PUBLIC WORKS PROFESSIONAL ENGINEERING FOR**  
**ENVIRONMENTAL AND GEOTECHNICAL SERVICES**

SunLabs, Inc. (continued)

**Environmental Laboratory Testing Services**

Testing Parameters	Matrix Soil (S) Water (W) Air (A)	Standard Turnaround Time (days)	Required Turnaround Time			
			2012 Unit Price			
			Std	3-day	48-hrs	24-hrs
<b>Metals</b>						
Individual Metals by EPA 200.7 / 6010 (except Sb,Tl,Hg)	S,W	7 to 10	\$9.00	\$11.25	\$13.50	\$18.00
Subcontracted Metals (Sb,Tl)	S,W	7 to 10	\$15.00	\$18.75	\$22.50	\$30.00
Mercury by 7470/7471	S,W	7 to 10	\$25.00	\$31.25	\$37.50	\$50.00
Metals Total 8 RCRA by EPA 6010 / 7470/7471	S,W	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
Total 13 PP by EPA 6010/7470/7471	S,W	7 to 10	\$110.00	\$137.50	\$165.00	\$220.00
Total 23 TAL by EPA 6010/7470/7471	S,W	7 to 10	\$150.00	\$187.50	\$225.00	\$300.00
<b>General Services and Specialty Containers Fees</b>						
Sample Compositing	S,W		\$8.00	\$11.00	\$14.00	\$16.00
Encore Samplers (each)	S		\$10.00			
Tedlar Bags (n/c with analysis)	A		\$10.00			
1.0 micron in-line high flow filter	W		\$18.00			
Elutriate extraction	S	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
<b>Wet / Classical Chemistry</b>						
Acidity by SM2310B	W	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
Alkalinity (CaCO3) by SM2320B	S,W	7 to 10	\$16.00	\$20.00	\$14.00	\$32.00
Ammonia by EPA 350.1	W	7 to 10	\$16.00	\$20.00	\$14.00	\$32.00
Anions Each by EPA 300.0 (Br, Cl, F, SO4)	W	7 to 10	\$12.00	\$15.00	\$18.00	\$24.00
Anions Each by EPA 300.0 (Nitrate, Nitrite, Phosphate)	W	7 to 10	\$12.00	\$15.00	\$18.00	\$24.00
Bicarbonate by SM2320B	W	7 to 10	\$16.00	\$20.00	\$24.00	\$32.00
BOD or cBOD (subcontracted)	W	7 to 10	\$25.00	n/a	n/a	n/a
Carbonate by SM2320B	W	7 to 10	\$16.00	\$20.00	\$14.00	\$32.00
Chloride or Bromide by EPA 300	S	7 to 10	\$20.00	\$25.00	\$30.00	\$40.00
Chlorine, Total Residual by SM4500-Cl G	W	7 to 10	\$25.00	\$31.25	\$37.50	\$50.00
Chlorophyll A (subcontracted)	W	7 to 10	\$44.00	\$55.00	\$66.00	N/A
Chromium Hexavalent by EPA 7196	W	7 to 10	\$20.00	\$25.00	\$30.00	\$40.00
Chromium, Trivalent (calc-must test for Cr <sup>+6</sup> & total Cr)	S	7 to 10	\$59.00	\$73.75	\$88.50	\$118.00
Chromium, Trivalent (calc-must test for Cr <sup>+6</sup> & total Cr)	W	7 to 10	\$29.00	\$36.25	\$43.50	\$58.00
COD (subcontracted)	W	7 to 10	\$20.00	\$25.00	\$30.00	\$40.00
Coliforms, Fecal by SM 9222D	W	7 to 10	\$25.00	\$31.25	\$37.50	N/A
Coliforms, Total by SM 9222B	W	7 to 10	\$25.00	\$31.25	\$37.50	N/A
Coliforms, Fecal Streptococcus by SM 9230C	W	7 to 10	\$30.00	\$37.50	\$45.00	n/a
Color by SM2120 B	W	7 to 10	\$20.00	\$25.00	\$30.00	\$40.00
Conductivity by EPA 120.1	W	7 to 10	\$12.00	\$15.00	\$18.00	\$24.00
Corrosivity, pH (RCRA) by EPA 9040 & 9045	S	7 to 10	\$25.00	\$31.25	\$37.50	\$50.00
Corrosivity, pH (RCRA) by EPA 9040 & 9045	W	7 to 10	\$15.00	\$18.75	\$22.50	\$30.00
Cyanide, Amenable by EPA 9010/335.1	W	7 to 10	\$85.00	\$106.25	\$127.50	\$170.00
Cyanide, Total (subcontracted for soil)	S	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
Flashpoint by SW 1010 (subcontracted)	W	7 to 10	\$30.00	\$37.50	\$45.00	\$60.00
Ignitibility in solid by EPA 1030 (subcontracted)	S	7 to 10	\$55.00	\$68.75	\$82.50	\$110.00
Fluoride by EPA 300	W	7 to 10	\$12.00	\$15.00	\$18.00	\$24.00
Gross Alpha (subcontracted)	W	21	\$50.00	n/a	n/a	n/a
Gross Beta (subcontracted)	W	21	\$50.00	n/a	n/a	n/a
Hardness by EPA 6010	W	7 to 10	\$18.00	\$22.50	\$27.00	\$36.00
Heterotrophic Plate Count (subcontracted)	W	7 to 10	\$40.00	\$50.00	\$60.00	\$80.00
Moisture by EPA 160.3M	S	7 to 10	\$15.00	\$18.75	\$22.50	\$30.00
Nitrogen (as Ammonia or NH3) by EPA 350.1	W	7 to 10	\$16.00	\$20.00	\$24.00	\$32.00
Nitrogen, Total Kjeldahl (TKN) by EPA 351.2	W	7 to 10	\$25.00	\$31.25	\$37.50	\$50.00



**EXHIBIT A - SCHEDULE OF RATE VALUES  
PUBLIC WORKS PROFESSIONAL ENGINEERING FOR  
ENVIRONMENTAL AND GEOTECHNICAL SERVICES**

SunLabs, Inc. (continued)

**Environmental Laboratory Testing Services**

Testing Parameters	Matrix Soil (S) Water (W) Air (A)	Standard Turnaround Time (days)	Required Turnaround Time			
			2012 Unit Price			
			Std	3-day	48-hrs	24-hrs
<b>Wet / Classical Chemistry</b>						
Nitrate & Nitrite by EPA 300	W	7 to 10	\$24.00	\$30.00	\$36.00	\$48.00
Nitrogen, (Total, as N) by EPA 351 & 353	W	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
Odor (subcontracted)	W	7 to 10	\$25.00	\$31.25	\$37.50	\$50.00
Oil and Grease (subcontracted)	W	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
Oil and Grease (subcontracted)	S	7 to 10	\$65.00	\$81.25	\$97.50	\$130.00
Percent Solids by EPA 160.3	S	7 to 10	\$15.00	\$18.75	\$22.50	\$30.00
pH by EPA 9040	W	7 to 10	\$15.00	\$18.75	\$22.50	\$30.00
pH by EPA 9045	S	7 to 10	\$25.00	\$31.25	\$37.50	\$50.00
Phenols by EPA 420.2 / 9065 (subcontracted)	W	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
Total Phenolics by EPA 420.1						
Radium 226 (subcontracted)	W	21	\$80.00	n/a	n/a	n/a
Radium 228 (subcontracted)	W	21	\$100.00	n/a	n/a	n/a
RCI by SW846 (Reactivity, Corrosivity and Ignitability)	S	7 to 10	\$220.00	\$275.00	n/a	n/a
RCI by SW846 (Reactivity, Corrosivity and Ignitability)	W	7 to 10	\$220.00	\$275.00	n/a	n/a
Specific Gravity	W	7 to 10	\$25.00	\$31.25	\$37.50	\$50.00
Sulfate (SO4) by EPA 300	W	7 to 10	\$12.00	\$15.00	\$18.00	\$24.00
Sulfide (subcontracted)	W	7 to 10	\$30.00	\$37.50	\$45.00	\$60.00
TDS by SM2540	W	7 to 10	\$20.00	\$25.00	\$30.00	\$40.00
TKN by EPA 351.3, 351.2	S	7 to 10	\$50.00	\$62.50	\$75.00	\$100.00
	W	7 to 10	\$25.00	\$31.25	\$37.50	\$50.00
TOC by Walkley Black and 415.1 (subcontracted)	S	7 to 10	\$45.00	\$56.25	\$67.50	\$90.00
TOX (subcontracted)	S,W	7 to 10	\$100.00	\$125.00	\$150.00	\$200.00
TOC by SM5310 B (subcontracted)	W	7 to 10	\$35.00	\$43.75	\$52.50	\$70.00
Total Phosphorous by EPA 365.3/6010	S	7 to 10	\$9.00	\$11.25	\$13.50	\$18.00
	W	7 to 10	\$12.00	\$15.00	\$18.00	\$24.00
Total Suspended Solids (TSS) by EPA 160.2	W	7 to 10	\$15.00	\$18.75	\$22.50	\$30.00
Turbidity by EPA 180.1/SM2130 B	W	7 to 10	\$15.00	\$18.75	\$22.50	\$30.00
<b>Waste Characterization (SPLP or TCLP):</b>						
RCI by SW846 (Reactivity, Corrosivity and Ignitability)	S	7 to 10	\$220.00	\$275.00	n/a	n/a
RCI by SW846 (Reactivity, Corrosivity and Ignitability)	W	7 to 10	\$220.00	\$275.00	n/a	n/a
Sample Preparation/Extraction (SVOAs and Metals)	S, W	7 to 10	\$50.00	\$62.50	n/a	n/a
Sample Preparation/ZHE Extraction (Volatiles)	S, W	7 to 10	\$50.00	\$62.50	n/a	n/a
TCLP, SPLP Volatiles (not incl. extraction)	S, W	7 to 10	\$90.00	\$112.50	\$135.00	n/a
TCLP, SPLP Semi-Volatiles, No Pest/Herb (not incl ext)	S, W	7 to 10	\$200.00	\$250.00	\$300.00	n/a
TCLP, SPLP Pest and Herb 8081/8321 (not incl. ext)	S, W	7 to 10	\$200.00	\$250.00	\$300.00	n/a
TCLP, SPLP 8 Metals (not including extraction)	S, W	7 to 10	\$65.00	\$81.25	\$97.50	n/a
TCLP, SPLP Lead (not including extraction)	S, W	7 to 10	\$9.00	\$11.25	\$13.50	n/a
TCLP, SPLP Benzene or BTEX (not including ext)	S, W	7 to 10	\$40.00	\$50.00	\$60.00	n/a
TCLP, SPLP BTEX-MTBE (not including ext)	S, W	7 to 10	\$40.00	\$50.00	\$60.00	n/a
Full TCLP, SPLP Metals Semi-Volatiles and Volatiles	S, W	7 to 10	\$455.00	\$568.75	\$682.50	n/a
Full TCLP, SPLP (Includes Pesticides and Herbicides) <sup>(6)</sup>	S, W	7 to 10	\$645.00	\$806.25	\$967.50	n/a



**EXHIBIT A - SCHEDULE OF RATE VALUES**  
**PUBLIC WORKS PROFESSIONAL ENGINEERING FOR**  
**ENVIRONMENTAL AND GEOTECHNICAL SERVICES**

SunLabs, Inc. (continued)

**Environmental Laboratory Testing Services**

Testing Parameters	Matrix Soil (S) Water (W) Air (A)	Standard Turnaround Time (days)	Required Turnaround Time			
			2012 Unit Price			
			Std	3-day	48-hrs	24-hrs
<b>FLORIDA LABORATORY PACKAGES</b>						
<b>40CFR §258 Appendix I Metals</b> Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Ti, V, Zn	S,W	7 to 10	\$225.00	\$281.25	\$337.50	n/a
<b>40CFR §258 Appendix I Volatiles</b> EPA 8260 + Extended List, 8011	S	7 to 10	\$155.00	\$193.75	\$232.50	\$310.00
	W	7 to 10	\$140.00	\$175.00	\$210.00	\$280.00
<b>40CFR §258 Appendix II Metals and Inorganics</b> Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Ti, V, Zn, Hg, Sn, CN, Sulfide	S	7 to 10	\$310.00	\$387.50	\$465.00	n/a
	W	7 to 10	\$260.00	\$325.00	\$390.00	n/a
<b>40CFR258 Appendix II Organics - EPA 8260, 8270 (both with extended lists), 8081, 8141, 8321</b>	W	7 to 10	\$1,050.00	\$1,312.50	n/a	n/a
<b>Target Analyte List (TAL) of Inorganics &amp; Metals</b> Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Mg, Mn, Hg, Ni, K, Se, Na, Ti, V, Zn, CN, Ag, Sn, Sulfide	S	7 to 10	\$290.00	\$362.50	\$435.00	n/a
	W	7 to 10	\$230.00	\$287.50	\$345.00	n/a
<b>Target Compound List (TCL) of Organics</b> EPA 8260, 8270, 8081	S	7 to 10	\$395.00	\$493.75	\$592.50	n/a
	W	7 to 10	\$380.00	\$475.00	\$570.00	n/a
<b>EPA Lead &amp; Copper Corrosion Control</b>	W	7 to 10	\$91.00	\$113.75	\$136.50	\$182.00
<b>DISCOUNT PACKAGES</b>						
<b>Basic Fingerprint - Flashpoint, pH, % Solids, Specific Gravity, Oil &amp; Grease</b>	S	7 to 10	\$185.00	\$231.25	\$277.50	n/a
<b>Standard Incineration Profile - RCRA (8) Metals, VOA, VOH, % Solids, FL-PRO, TX, (For used oil, add PCB</b>	S	7 to 10	\$260.00	\$325.00	\$390.00	n/a
<b>Standard Landfill Profile - TCLP RCRA (8) Metals, VOA, VOH, pH, % Solids, Flashpoint, Specific Gravity, FL-PRO</b>	S	7 to 10	\$425.00	\$531.25	\$637.50	n/a
<b>FLORIDA ADMINISTRATIVE CODE (FAC) / UST PACKAGES...</b>						
<b>FAC §62-770 Gas - Kerosene Anal. Group (GAG or KAG)</b> Pb, FL-PRO, EDB, VOA, VOH, MTBE, PAH	W	7 to 10	\$284.00	\$355.00	\$426.00	\$568.00
<b>FAC §62-770 Gas &amp; Kerosene Anal. Group (GAG or KAG) FL-PRO, VOA, PAH</b>	S	7 to 10	\$210.00	\$262.50	\$315.00	\$420.00
<b>Total Toxic Organics (TTO) 624+625+608; dioxin not incl.</b>	W	7 to 10	\$360.00	\$450.00	\$540.00	\$720.00
<b>Total Toxic Organics (TTO) 8260+ 8270+ 8081+ 8082, dioxin not included</b>	S	7 to 10	\$450.00	\$562.50	\$675.00	\$900.00
	W	7 to 10	\$435.00	\$543.75	\$652.50	\$870.00
<b>40CFR §122 Appendix D Priority Pollutant Metals (only)</b> Sb, As, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Ti, Zn	S	7 to 10	\$110.00	\$137.50	\$165.00	\$220.00
<b>40CFR §62-770 Used Oil Group - As, Cd, Cr, Pb, Priority Pollutant Volatiles and Semi-Volatiles (Non-Priority Pollutant Organics &gt; 10ppb), FL-PRO</b>	S	7 to 10	\$446.00	\$557.50	\$669.00	\$890.00
	W	7 to 10	\$431.00	\$538.75	\$646.50	\$862.00
<b>FAC Statute 503 Sludge Analysis - % Solids, N, P, As,</b>	S	7 to 10	\$200.00	\$250.00	\$300.00	n/a



**EXHIBIT A - SCHEDULE OF RATE VALUES  
PUBLIC WORKS PROFESSIONAL ENGINEERING FOR  
ENVIRONMENTAL AND GEOTECHNICAL SERVICES**

SunLabs, Inc. (continued)

**Environmental Laboratory Testing Services**

Testing Parameters	Matrix Soil (S) Water (W) Air (A)	Standard Turnaround Time (days)	Required Turnaround Time			
			2012 Unit Price			
			Std	3-day	48-hrs	24-hrs
<b>FLORIDA ADMINISTRATIVE CODE (FAC) / UST PACKAGES...</b>						
<b>FAC §62-775 Soil Thermal Treatment "Clean Fill"</b>	S	7 to 10	\$350.00	\$437.50	\$525.00	\$700.00
<b>FAC §62-713 Petroleum Contaminated, Pre-Treatment ("Revised Pre-Burn") - VOH, As, Cd, Cr, Pb and FL-PRO</b> <i>(Add fees for TOX if oil is anticipated.)</i>	S	7 to 10	\$176.00	\$220.00	\$264.00	\$352.00
<b>FAC §62-713 Non-Petroleum Contaminated, Pre or Post Treatment-8260, 8270, 8081, RCRA (8) Metals</b>	S	7 to 10	\$440.00	\$550.00	\$660.00	\$880.00
<b>FAC §62-713 Petroleum Contaminated, Post-Treatment</b> VOA, As, Cd, Cr, Pb, PAH and FL-PRO	W	7 to 10	\$231.00	\$288.75	\$346.50	\$462.00
	S	7 to 10	\$246.00	\$307.50	\$369.00	\$492.00
<b>FAC §62-713 Non-Virgin Pre-Burn VOH, FL-PRO, As, Cd, Cr, Pb, PCBs, TX</b>	W	7 to 10	\$233.00	\$291.25	\$349.50	\$466.00
	S	7 to 10	\$281.00	\$351.25	\$421.50	\$562.00
<b>Miami-Dade County Department of Environmental Rinker™ Pre-Burn Parameters</b>	S	7 to 10	\$461.00	\$576.25	\$691.50	n/a
<b>Rinker™ Pre-Burn Parameters</b>	S	7 to 10	\$260.00	\$325.00	\$390.00	\$520.00
<b>Rinker™ Pre-Burn Parameters, Non-Virgin Soils</b>	S	7 to 10	\$320.00	\$400.00	\$480.00	\$640.00
<b>Magnum/TPS™ Pre-Burn Parameters</b>	S	7 to 10	\$215.00	\$268.75	\$322.50	\$430.00
<b>Magnum/TPS™ Pre-Burn Parameters, Non Virgin Soil</b>	S	7 to 10	\$410.00	\$512.50	\$615.00	n/a
<b>40CFR §266.40 Waste Oil Energy Recovery Profile (FL)</b>	S	7 to 10	\$186.00	\$232.50	\$279.00	n/a



Environmental Consulting & Technology, Inc.

June 20, 2012  
GO2012-0100-1200

Ms. Amelia McFarlane  
Senior Procurement Analyst  
**Pinellas County Purchasing Department**  
400 South Fort Harrison, Sixth Floor  
Clearwater, Florida 33756

**Re: Adjusted Schedule of ECT Professional Rates for  
RFP No. 112-0143-CN (AM) and  
Subconsultants Schedules of Professional Rates**

Dear Ms. McFarlane:

As requested, Environmental Consulting & Technology, Inc. (ECT) is providing you with a rate schedule that has been reduced by 10 percent across the board. Please refer for attached rate sheet for details.

Classification	Submitted Rate	Adjusted Rate
Senior Principal Scientist/Engineer	\$205	\$185
Principal Scientist/Engineer; Certified Industrial Hygienist	\$190	\$171
Senior Scientist/Engineer III	\$175	\$157
Senior Scientist/Engineer II	\$165	\$149
Senior Scientist/Engineer I	\$155	\$140
Staff Scientist/Engineer III	\$140	\$125
Staff Scientist/Engineer II	\$135	\$122
Staff Scientist/Engineer I	\$130	\$117
Senior Associate Scientist/Engineer III; Senior GIS Analyst	\$125	\$112
Senior Associate Scientist/Engineer II	\$120	\$108
Senior Associate Scientist/Engineer I; Field Services Manager	\$115	\$104
Associate Scientist/Engineer III	\$105	\$94
Associate Scientist/Engineer II; GIS Analyst	\$100	\$90
Associate Scientist/Engineer I; Senior CAD	\$95	\$86

1408 North Westshore  
Blvd., Suite 115  
Tampa, FL  
33607

(813)  
289-9338

FAX (813)  
289-9388

Ms. Amelia McFarlane

June 20, 2012

Page 2

<b>Classification</b>	<b>Submitted Rate</b>	<b>Adjusted Rate</b>
Technician		
Senior Technician; GIS Operator/Technician	\$75	\$68
Technician	\$70	\$63
CAD Operator/Technician	\$75	\$68
Document Production Specialist	\$75	\$68
Administrative Support	\$58	\$50

Additionally, we have provided the rate sheets for our subconsultants on this proposal:

- Clark Environmental, Inc.
- Columbia Analytical Services/ALS
- Driggers Engineering Services
- EnviroTek, Inc.
- Florida Design Consultants, Inc.
- Millennium Laboratories, Inc.
- Preferred Drilling Solutions, Inc.

Please contact me at (813) 289-9338 if you need more information regarding these professional rates. We appreciate the opportunity to negotiate with the County on this RFP.

Sincerely,

**ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.**



Teri Hasbrouck, CPM  
Senior Scientist

TH:deb  
Attachments

**Exhibit A**  
**PROFESSIONAL SERVICES FEE SCHEDULE**  
**ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.**

Pinellas County Contract No.: 112-0143-CN (AM) – Initial Phase Valid through 2015

<b><u>Labor Classification</u></b>	<b><u>Rate Per Hour</u></b>
Senior Principal Scientist/Engineer	\$ 185
Principal Scientist/Engineer; Certified Industrial Hygienist	171
Senior Scientist/Engineer III	157
Senior Scientist/Engineer II	149
Senior Scientist/Engineer I	140
Staff Scientist/Engineer III	125
Staff Scientist/Engineer II	122
Staff Scientist/Engineer I	117
Senior Associate Scientist/Engineer III; Senior GIS Analyst	112
Senior Associate Scientist/Engineer II	108
Senior Associate Scientist/Engineer I; Field Services Manager	104
Associate Scientist/Engineer III	94
Associate Scientist/Engineer II; GIS Analyst	90
Associate Scientist/Engineer I; Senior CAD Technician	86
Senior Technician; GIS Operator/Technician	68
Technician	63
CAD Operator/Technician	68
Document Production Specialist	68
Administrative Support	50

*Notes: Non-exempt employees working overtime will be charged at one and one-half times the above rate. Also, for litigation/expert witness related services, the actual time spent testifying under oath during a deposition, hearing, or trial will be billed at one and one-half times those listed above for the testifying professional(s).*

The above rates include all direct and indirect costs, plus customary expense costs including travel within the Tampa Bay Metropolitan Area. Indirect costs include such items as overhead, profit, and such statutory and customary fringe benefits as social security contributions, sick leave, unemployment, excise and payroll taxes, worker's compensation, health and retirement benefits, bonuses, annual leave, and holiday pay.

Non-customary expenses (e.g., field equipment rentals/usage rates) will be specified and approved within specific project work order proposals and authorizations. Similarly, travel outside of the Tampa Bay Metropolitan Area, if necessary, will be in accordance with the applicable Florida Statutes and will be specified and approved within project work order proposals and authorizations.

No service (markup) charges will be applied to subcontracted expenses.



**FOR: Pinellas County Geotechnical  
RFP 112-0143-CN  
Thermal Treatment Facility  
Petroleum Contaminated Material**

**DRUMS - THERMAL TREATMENT/WASTE PROCESSING**

Size	Trans	Liquid	Light Debris	Sludge or Oil Dry	Solids	Gels	Lab Packs	MF's Trans	MF's Disp
1	\$2	\$5	\$5	\$8	\$8	\$8	\$25	\$3	\$5
5	\$5	\$10	\$10	\$12	\$12	\$15	\$75	\$5	\$5
10	\$10	\$20	\$20	\$20	\$20	\$30	\$75	\$5	\$5
15-25	\$15	\$40	\$40	\$55	\$55	\$65	\$100	\$10	\$8
55	\$25/\$30	\$60	\$60	\$80	\$80	\$105	\$175	\$10	\$15
85	\$30/\$35	\$80	\$80	\$125	\$125	\$155		\$15	\$20
yd <sup>3</sup>	\$100	\$180	\$210	\$250	\$250	\$350			\$80

Low Volume Stop - < 4 drums \$30/stop  
Panhandle - \$45/drum < 11 drums/site - Low Volume Stop of \$200/site

**BULK WASTE PROCESSING**

Liquids >5% Solid	Solid	Sludge >20%	Light Debris	Gels
\$0.05/lb	\$0.04/lb	\$0.08/lb	\$0.09/lb	\$0.10/lb

**BULK SOILS THERMAL TREATMENT**

Tons	Standard
≤	\$650.00
21 - 140	\$27.00
141 - 700	\$26.25
701 - 1400	\$25.50
1401 - 3000	\$24.75
> 3001	Neg
Cleanfill	\$2.00/cy
Surcharge	\$3.00/ton

**TCLP TESTING**

8-Metals	\$200.00	4 Metals (6010)	\$105.00
Volatiles	\$175.00	TRPH	\$130.00
TCLP-4 Metals	\$175.00	VOH	\$105.00
Benzene	\$125.00	Virgin Preburn	\$300.00
PCB Scan	\$110.00	Non-Virgin Preburn	\$400.00
TOX	\$40.00	Non-Petroleum	\$650.00

**DRUM SUPPLIES**

Bolts	\$0.75
Gaskets	\$1.50
Lids	\$3.75
Rings & Bolts	\$3.00
17H 55-Gal Drum	\$40.00

Clark Environmental, Inc.  
755 Prairie Industrial Pkwy  
Mulberry, Florida 33860  
LOCAL 863-425-4884  
TOLL-FREE 800-276-2187  
FAX 863-425-2854

6/20/2012

www.clarkenvironmental.com



**FOR: Pinellas County Geotechnical  
RFP 112-0143-CN  
TRANSPORTATION-PORTAL TO PORTAL  
HOURS AND PREP TIME AT FACILITY**

<u><b>Vehicles w/Driver</b></u>	<b>8:00 AM - 5:00 PM &lt;200 Miles One-Way</b>	<b>OT &amp; Weekends Per Hour</b>
Wet Vac	\$125.00 per hour	\$155.00
Tractor w/Rails	\$100.00 per hour	\$140.00
Roll Off Truck/Straight Rails	\$115.00 per hour	\$145.00
Tractor w/Dump	\$100.00 per hour	\$140.00
Frac Tank Daily Usage	\$ 60.00 per day/each	
Frac Tanker Drop Off/Pick Up	Varies Per Site	
Roll Off Open Top Daily Usage	\$ 15.00 per day	
Closed Top Roll Off	\$ 20.00 per day	
Vac Box Roll Off	\$ 50.00 per day	
Liner – Visqueen	\$ 40.00 each	
Liner – Poly	\$ 50.00 each	
Pipe Trailer	\$ 60.00 per day	
Spill Trailer	\$ 60.00 per day	
Hotsy	\$ 40.00 per hour	
Pickup	\$ 20.00 per hour	
Other Equipment 6" Flexhose	\$ 2.00 per foot	
Personal Protective Equipment	\$ 30.00 per man/per day	
 <u><b>Personnel</b></u>		
Sr. Project Manager	\$ 90.00 per hour	\$120.00
Chemist	\$ 75.00 per hour	\$100.00
Project Manager	\$ 60.00 per hour	\$ 85.00
Safety Officer	\$ 60.00 per hour	\$ 85.00
Supervisor	\$ 50.00 per hour	\$ 75.00
Equipment Operator	\$ 45.00 per hour	\$ 65.00
Field Technician	\$ 30.00 per hour	\$ 45.00
Per Diem	\$ Case by Case	

**Disposal** Non-hazardous or hazardous material, please call for quotation.

**Vacuum Truck Power Washout** at completion of job at Clark Environmental, Inc.

Power Wash Out Standard Sludge Residue	\$150.00
Power Wash Out Excessive Build Up and/or Greasy or Hard To Clean Material	\$100.00 per hour
Tanker <u>Rinse</u> Outs or Roll Off Box Power Wash	\$300.00 Minimum
No confined space entry	

Clark Environmental, Inc.  
755 Prairie Industrial Pkwy.  
Mulberry, Florida 33860  
LOCAL 863-425-4884  
TOLL-FREE 800-276-2187  
FAX 863-425-2854

6/20/2012

www.clarkenvironmental.com



# ECT Tampa

## Discounted Schedule of Fees for RFP-112-0143-CN

9143 Philips Hwy, Suite 200, Jacksonville, Florida 32256

### Rates include water, sediment and soil

#### Organics

<u>Analysis</u>	<u>Method</u>	<u>Price</u>
Volatiles, TCL or CLP list	8260	\$65.00
Semi-Volatiles (BNA's)	8270	165.00
Volatile Halogenated & Aromatics	8260	65.00
Pesticides, Organochlorine	8081	69.00
PCBs	8082	54.00
Pesticides/PCBs	8081/8082	70.00
PCBs, in Oil or Wipe	8082	48.00
Pesticides, Organophosphorus	8141	120.00
Herbicides, Full List	8151	120.00
Herbicides, (2,4-D, 2,4,5-TP)	8151	120.00
Terracore sample (for VOCs in soil)		10.00

#### Waste Characterization

<u>Analysis</u>	<u>Method</u>	<u>Price</u>
TCLP Volatile Extraction, (ZHE)	1311	\$50.00
TCLP Non-Volatile Extraction	1311	40.00
SPLP Extractions	1312	40.00
TCLP Volatiles, analysis only	8260	65.00
TCLP Semi-Volatiles, analysis only	8270	165.00
TCLP Pesticides & Herbicides	8081/8151	190.00
TCLP Metals (8)	Various	70.00
TCLP Complete Suite	Various	580.00
Ignitability	SW846	28.00
Corrosivity, pH	9040	10.00
Cyanide, Total	9012/335.3	28.00
Sulfide, Total	9030/376.1	22.00

#### Underground Storage Tank

<u>Analysis</u>	<u>Method</u>	<u>Price</u>
BTEX	8260	\$48.00
BTEX/MTBE	8260	48.00
BTEX/MTBE/Naphthalene	8260	48.00
BTEX/MTBE + VOHs	8260	70.00
PAH's, Low Level, SIM	8270	68.00
FL-PRO	FDEP	48.00
EDB	8011	40.00
Lead	6010	12.00
Gasoline Range Organics	8015M	50.00
Diesel Range Organics	8015M	50.00

#### Air

Volatiles in Air	TO-15	\$165.00
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ALS offers a broad array of air analyses. We also rent pre-cleaned

SUMMA canisters for use in sample collection.

Please contact your CAS representative for pricing and information.

#### Metals

<u>Analysis</u>	<u>Method</u>	<u>Price</u>
ICP metals, first or second	6010	\$12
ICP Metals, additional, each	6010	8.00
Mercury	7470/7471	16.00
8 RCRA Metals	Various	70.00
Priority Pollutant Metals (13)	Various	80.00

Note: All Metals prices include standard sample prep.

#### Inorganics and Other Analyses

<u>Analysis</u>	<u>Method</u>	<u>Price</u>
Sieve analysis/Gradation	ASTM	\$90.0
Elutriation Preparation	N/A	350.00
Fecal Coliform	9222D	20.00
Alkalinity	310.1	10.00
BOD	405.1	24.00
COD	410.2	18.00
TOC	415.1	20.00
TOX	9020	55.00
Chloride, or first ion	300.0	10.00
Additional Ions by 300.0	300.0	8.00
TDS	160.1	10.00
Methane, Ethane, and Ethene	RSK-175	60.00
Appendix I, II, or IX	Various	Call for Quote
Dioxin, full list	8290	Call for Quote
Dioxin, 2,3,7,8-TCDD only	8290	Call for Quote

\*\*Many other inorganic analyses routinely available\*\*

#### Data Package Reporting Options

All prices are applicable to Tier I and II data packages. Tier III and IV (CLP) data packages (where applicable) are subject to an additional charge. Please call for quote.

#### RUSH Turnaround Times (TATs)

Please note: All RUSH TATs require PRIOR lab approval.

<u>Requested Turn Around Time</u>	<u>Surcharge</u>
24 Hour TAT	2 X Price
48 Hour TAT	1.5 X Price
3-4 Business Days	1.25 X Price

#### Contact Numbers

##### Jacksonville Laboratory Contacts

Scott Martin, Technical Sales, 904-562-9962

Email: [scott.martin@alsglobal.com](mailto:scott.martin@alsglobal.com)

Jerry Allen, Project Manager, 904-394-4410

Email: [jerry.allen@alsglobal.com](mailto:jerry.allen@alsglobal.com)

# Driggers Engineering Services, Inc.

## 2012 Geotechnical and Materials Testing and Inspection Services Fee Schedule

### GEOTECHNICAL SERVICES

<b>1.0 ENGINEERING AND PROFESSIONAL SERVICES</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
1.1	Project Engineer	\$ 130.00/Hr.
1.2	Senior Engineer (P.E.)	150.00/Hr.
1.3	Principal Engineer (P.E.)	175.00/Hr.
1.4	CADD Operator	67.50/Hr.
1.5	Clerical	57.50/Hr.
1.6	Laboratory Manager	120.00/Hr.
1.7	Threshold/Steel/Welding Inspector	85.00/Hr.

<b>2.0 DRILLING FIELD SERVICES</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
2.1	Mobilization and Demobilization of 3-Man Crew (readily accessible to truck-mounted drilling equipment)	\$250.00 LS
2.2	Mobilization and Demobilization of 3-Man Crew (swamp, barge or difficult access)	Quoted Upon Request
2.3	Crew Time (3-man crew, drilling and support vehicles) for Special Drilling, Sampling, Monitor Well Installation or Land, etc. (minimum 8 hours per day)	275.00/Hr.
2.3.1	Supplies, etc.	Cost
2.4	Crew Time (3-man crew and drilling equipment on water [minimum 8 hours per day])	290.00/Hr.
2.4.1	Portable Self-Propelled Barge Rental	850.00/Day

	2.4.2 Barge and Tug (ocean-going) 2.4.3 Miscellaneous Materials, Bits, Equipment Rental, Supplies, etc.	Cost Cost
2.5	Standard Penetration Test Borings (ASTM D-1586, split-spoon sampling; Standard Truck-Mounted Drill Unit) 2.5.1 0-50 Feet i. Soil ii. Rock iii. Cemented Soil (N>50) 2.5.2 50-100 Feet i. Soil ii. Rock iii. Cemented Soil (N>50) 2.5.3 100-150 Feet i. Soil ii. Rock iii. Cemented Soil (N>50) 2.5.4 150-200 Feet i. Soil ii. Rock iii. Cemented Soil (N>50)	12.50/LF 14.00/LF 14.00/LF 14.00/LF 16.00/LF 16.00/LF 16.50/LF 20.00/LF 20.00/LF 20.00/LF 25.00/LF 25.00/LF

ITEM	DESCRIPTION	UNIT FEE
2.6	Track-Mounted Drill Unit	
2.6.1	0-50 Feet i. Soil ii. Rock iii. Cemented Soil (N>50)	\$ 16.50/LF 18.75/LF 18.75/LF
2.6.2	50-100 Feet i. Soil ii. Rock iii. Cemented Soil (N>50)	18.75/LF 21.75/LF 21.75/LF
2.6.3	100-150 Feet i. Soil ii. Rock iii. Cemented Soil (N>50)	22.50/LF 27.75/LF 27.75.LF
2.6.4.	150-200 Feet i. Soil ii. Rock iii. Cemented Soil (N>50)	27.00/LF 34.50/LF 34.50/LF

2.7	Tripod or Limited Access Drill Unit Equipment (3-man crew and equipment [minimum 8 hours per day])	225.00/Hr.
2.8	Undisturbed Sampling in Conjunction with Boring (3" O.D. Shelby tube samples)	125.00 Ea.
2.9	Grouting of Boreholes per SWFWMD Regulations	5.00/LF
2.10	Rock Coring 2.10.1 NX Size (approximately 2_") 2.10.2 2¾" Diameter	50.00/LF 60.00/LF
2.11	Temporary Casing (only if needed) 2.11.1 4" 2.11.2 6"	6.50/LF 9.50/LF
2.12	Patch Borehole in Asphalt or Concrete	75.00 Ea.

ITEM	DESCRIPTION	UNIT FEE
2.13	Double-Ring Infiltration Test (local and depth ≤3 feet [ASTM D-3385]) 2.13.1 Depth greater than 3 feet to be negotiated based on depth requirements	\$ 475.00 Ea.
2.14	Hand Auger Boring	9.50/LF
2.15	Hand Cone Penetrometer with Hand Auger Boring	2.00/LF
2.16	Standard Percolation Test	200.00 Ea.

3.0 LABORATORY GEOTECHNICAL TESTING		
ITEM	DESCRIPTION	UNIT FEE
3.1	Consolidation Test	\$ 300.00 Ea.
3.2	Laboratory Permeability on Sand (ASTM D-2434-74)	175.00 Ea.
3.3	Unconfined Compression Test	125.00 Ea.
3.4	Split-Tensile Test	85.00 Ea.
3.5	Triaxial Compression Test 3.5.1 Unconsolidated - Undrained	150.00/Test

	3.5.2 Consolidated - Undrained	275.00/Test
	3.5.3 Consolidated - Undrained with Pore Pressure Measurements	450.00/Test
3.6	Grainsize Analysis (ASTM D-422-92)	35.00 Ea.
3.7	Atterberg Limit (plastic and liquid [ASTM D-43-18-87])	75.00 Ea.
3.8	Organic Content (FM 1T-267)	\$ 35.00 Ea.
3.9	Specific Gravity of Soil (ASTM D-854-92)	35.00 Ea.
3.10	Hydrometer of Soil (ASTM D-422-92)	135.00 Ea.
3.11	Constant Head Permeability (ASTM D-2434-74)	175.00 Ea.
3.12	Permeability with Back Pressure Saturation (ASTM D-5084-90)	300.00 Ea.
3.13	Corrosivity Series (resistance, pH, SO <sub>4</sub> , CL [FDOT method])	300.00 Ea.
3.14	Field Sampling of Materials	60.00/Hr.

#### MATERIALS TESTING AND INSPECTION SERVICES

<b>4.0 SOILS</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
4.1	Laboratory Proctor Test (Standard ASTM D698 or Modified ASTM D1557)	\$ 90.00 Ea.
4.2	Field Density Test (Sand Cone ASTM D1556 or Nuclear ASTM D2922 Densitometer) Minimum Charge - \$60.00 Per Trip	20.00 Ea.
4.3	Full-Time Senior Geotechnical Inspection Minimum Charge - Eight (8) Hours Per Day	60.00/Hr.
4.4	Florida Bearing Value (FM 5-517)	75.00 Ea.
4.5	Limerock Bearing Ratio (FM 5-515)	300.00 Ea.
4.5	Base or Subgrade Thickness Determination in Conjunction with Density Test	5.00 Ea.

4.7	Turbidity Test (NTU) (Plus Sampling Time)	20.00 Ea.
4.8	Limerock Analysis (Carbonates of Calcium and Magnesium) (FM 5-514)	65.00 Ea.
4.9	pH Determination (ASTM G-51-77) Corrosion 4.9.1 pH Determination (ASTM D4972) Agricultural	25.00 Ea. 35.00 Ea.

<b>5.0 CONCRETE</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
5.1	Design of Concrete (One Cement Content) (P.C.A. or A.C.I.)	\$ 550.00 Ea.
5.2	Design of Concrete w/Additional Cement Contents	350.00 Ea.
5.3	Cylinder Preparation (ASTM C31) of Fresh Concrete and Pick-Up includes Slump Test (ASTM C143) Temperature (ASTM C-1064) and All Pertinent Field Data	55.00/Hr.
5.4	<u>Laboratory Compression Testing</u> 6"x12" Cylinders 3"x3"x6" Prisms 2"x2" Cubes	11.00 Ea. 15.00 Ea. 15.00 Ea.
5.5	Air Content of Fresh Concrete (ASTM C173 or C231)	15.00 Ea.
5.6	Beam Preparation (ASTM C31) of Fresh Concrete and Pick-Up - Includes Slump Test (ASTM C143) Temperature (ASTM C1064) and All Pertinent Data	55.00/Hr.
5.7	Laboratory Flexural Strength of Molded Beams (ASTM C78)	20.00 Ea.
5.8	Rebound Number (Schmidt Hammer) of Hardened Concrete (ASTM C805)	65.00/Hr.
5.9	Coring of Hardened Concrete (ASTM C42) 5.9.1 Additional Diamond Bit Charge D = Core Diameter in Inches LI = Core Length in Lineal Inches	70.00/Hr. D x 2.00/LI
5.10	Laboratory Compression of Concrete Cores (ASTM C39)	25.00 Ea.

<b>6.0 AGGREGATE TESTING</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
6.1	Gradation of Fine Aggregate (ASTM C136)	\$ 35.00 Ea.
6.2	Gradation of Coarse Aggregate (ASTM C136)	45.00 Ea.
6.3	Specific Gravity and Absorption of Fine Aggregate (ASTM C128)	45.00 Ea.
6.4	Specific Gravity and Absorption of Coarse Aggregate (ASTM C127)	45.00 Ea.
6.5	Los Angeles Abrasion	150.00 Ea.
6.6	Soundness of Aggregate Sodium Sulfate or Magnesium Sulfate (ASTM C88)	225.00 Ea.
6.7	Dry Rodded Unit Weight of Fine or Coarse Aggregate (ASTM C29)	45.00 Ea.
6.8	Field Sampling for Laboratory Tests	60.00/Hr.

<b>7.0 SOIL-CEMENT</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
7.1	Soil-Cement Design (P.C.A. or F.D.O.T. Method) - Includes Grainsize Analyses, proctor Curves, Specimen Compression and Recommended Cement Content	\$ 450.00 Ea.
7.2	Field Inspection during Processing of Plant Produced Placement - Includes Field Proctor, Density, Thickness and Cement Spread, If Applicable	60.00/Hr.
7.3	Laboratory Compression of Field Molded Specimens	12.00 Ea.
7.4	Laboratory Compression of Field Hardened Cores	25.00 Ea.
7.5	Soil-Cement Coring	
	7.5.1 Technician Time and Equipment	65.00/Hr.
	7.5.2 Core Bit Charge	2.00/LI
	7.5.3 Thickness Determination	5.00 Ea.
	7.5.4 Repair of Core Hole	5.00 Ea.
7.6	Field Sampling of Raw Materials for Laboratory Design	60.00/Hr.

<b>8.0 ASPHALT</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
8.1	Asphalt Design	
	8.1.1 F.D.O.T. with Three Bitumen Contents	\$ 900.00 Ea.
	8.1.2 F.A.A. Design with Four Bitumen Contents	1,500.00 Ea.
8.2	Asphalt Plant Inspection	
	8.2.1 Senior Technician Inspector	65.00/Hr.
8.3	Field Inspection during Paving Activities	
	8.3.1 Senior Technician Inspector	65.00/Hr.
8.4	Laboratory Extraction and Gradation (FM IT-164 and FM IT-030)	110.00 Ea.
8.5	Marshall Stability and Properties (FM 5-511)	90.00 Ea.
8.6	Asphalt Coring	
	8.6.1 Technician Time and Equipment	65.00/Hr.
	8.6.2 Additional Diamond Bit Charge	2.00/LI
	8.6.3 Repair of Core Hole	8.00 Ea.
8.7	Laboratory Preparation of Field Paving Cores	5.00 Ea.
8.8	Laboratory Density of Field Paving Cores (FM IT-166)	12.00 Ea.
8.9	Laboratory Thickness of Field Paving Cores	7.50 Ea.
8.10	Field Sampling for Laboratory Tests	60.00/Hr.
8.11	Rice Gravity	50.00 Ea.
8.12	Gyratory Compaction	200.00 Ea.

<b>9.0 PILING INSPECTION</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
9.1	Inspection of Auger-Cast, Drilled Shaft or Driven Pile (Minimum Charge of 8 Hours Per Day)	\$ 60.00/Hr.
9.2	Pile Compressive Load Test (ASTM D1143)*	1,800.00 Ea.
9.3	Pile Tensile Load Test (ASTM D3689)*	1,500.00 Ea.

\*Includes Hydraulic Jack with Calibration, Dial Gauges, Reference Beams, Full-Time Monitoring and Report. Load test reaction assembly by others.

<b>10.0 ROOFING SERVICES</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT FEE</b>
10.1	Field Inspection Pre-Construction Meeting (Registered Roofing Observer)	\$ 100.00/Hr.
10.2	Roof Inspection	70.00/Hr.
10.3	Laboratory Testing Analysis of Built-Up Roof Test Cut (ASTM D2829)	250.00 Ea.
10.4	Softening Point of Bitumen	40.00 Ea.
10.5	Nuclear Roof Moisture Survey (2-Man Crew)	130.00/Hr.
10.6	U.L. Roof Uplift Test	550.00 Ea.
10.7	Fastener Pull Test	85.00/Hr.
10.8	Survey Profile of Roof (2-Man Crew)	130.00/Hr.
10.9	Concrete Tile Uplift Resistance	120.00/Hr.
10.10	Thickness of Sprayed Fire Proofing	\$ 55.00/Hr.
10.11	Tensile-Tear Strength of Membrane	120.00 Ea.
10.12	Penetration of Bitumen	50.00 Ea.
10.13	Ovendried Moisture Contents of Cores	9.00 Ea.
10.14	Compressive Strength of L.W.I.C.	25.00 Ea.
10.15	Thickness of Corrugated Metal	20.00 Ea.
10.16	Unit Weight of Galvanized Zinc Coating	75.00 Ea.
10.17	Fire-Resistive Inspection (Thickness Determination Adhesion/ Cohesion and Unit Weight Sampling)	60.00/Hr.
10.18	Unit Weight of Sprayed Fire-Resistive Material	30.00 Ea.
10.19	Cement/Lime Content of Cementitious Materials	40.00 Ea.
10.20	Compositional Analysis of Fiberglass Roof Shingles	275.00 Ea.
10.21	Identification of Felt Type	20.00 Ea.
10.22	Independent Consulting Services (as required)	Cost

<b>NOTES</b>	
1.	Services required by client in excess of 8 hours per day, Saturday, Sunday or Holidays, will be charged the quoted rate.
2.	Fees for other services provided by <b>DRIGGERS ENGINEERING SERVICES, INC.</b> will be supplied upon request.
3.	All hourly rates are charged portal to portal.
4.	Three (3) report copies will be provided by <b>DRIGGERS ENGINEERING SERVICES, INC.</b> Additional copies will be charged at a rate of Cost.
5.	Equipment rentals are not included in the schedule of rate values provided herein. Any equipment rental will be charged at Cost.
6.	Travel outside of Tampa Bay Statistical area shall be reimbursed in accordance with Florida State Statutes.
7.	All prices are effective for the contract period of three (3) years and are subject to renegotiation at that time.
8.	In-place field density testing is performed with a minimum of \$60.00 per trip.



# EnviroTek

Environmental & Construction Services

## Schedule A Labor and Equipment Rates

### Personnel Rates (fully loaded rates)

Position	Rate	Unit <sup>2</sup>
Principal/Professional	\$ 100.00	hour
Waste Management/Chemist	\$ 85.00	hour
Project Manager	\$ 75.00	hour
Project Superintendent	\$ 65.00	hour
Field Superintendent	\$ 60.00	hour
Equipment Operator	\$ 50.00	hour
Administrative	\$ 45.00	hour
General Laborer	\$ 40.00	hour

### Equipment Rates (all rates are for owned equipment/fuel charges additional<sup>5</sup>)

Unit	Rate	Unit <sup>6</sup>
F-650 or equiv. Support Truck <sup>1</sup>	\$ 150.00	day
F-250 or equiv. Support Truck <sup>1</sup>	\$ 85.00	day
Large Excavator (30 metric ton +)	\$ 1,200.00	day
Mid Size Excavator (Volvo 140)	\$ 850.00	day
Mini Excavator (Volvo EC 35)	\$ 450.00	day
Dozer (JD 420)	\$ 650.00	day
Backhoe 4x4	\$ 575.00	day
Loader	\$ 800.00	day
18 Yard Dump Truck (with driver) (hourly rate only)	\$ 65.00	hour
Vibratory Roller	\$ 450.00	day
Broom Truck	\$ 400.00	day
20 ton trailer	\$ 125.00	day
15 ton trailer	\$ 125.00	day
Dozer, roller, mini and backhoe mobe <sup>2</sup>	\$ 100.00	hour
Mid and Large Excavator mobe <sup>2</sup>	\$ 150.00	hour
Plate Compactor	\$ 150.00	day
Laser Level	\$ 50.00	day
Core Drill with Bit	\$ 185.00	day
Portable 7KW Generator	\$ 100.00	day
Gas Saw (cut off)	\$ 75.00	day

### Treatment Equipment

Portable Groundwater or SVE/AS Treatment System <sup>3</sup>	\$ 650.00	day
Tommel Screen Plant (25hp)	\$ 575.00	day
Geoprobe Drill Rig and 2 man Crew (daily rate only)	\$ 1,500.00	day
Carbon Cannisters (1500lb) <sup>4</sup>	\$ 125.00	day
Dewatering Pump	\$ 200.00	day
4-inch Submersible Pump	\$ 100.00	day
Organic Vapor Analyzer	\$ 125.00	day
O <sub>2</sub> /LEL Meter	\$ 85.00	day



# EnviroTek

Environmental & Construction Services

Silt Fencing	\$ 2.50	if
Safety fencing	\$ 1.00	if
Drums (DOT 55 gallon)	\$ 40.00	each
Absorbant booms	\$ 96.00	bundle
Vacuum Truck	\$ 125.00	hour (portal to portal)
Non-hazardous liquid disposal	\$ 0.50	gallon

Subcontractors and purchased/rental equipment Cost + 20%

<sup>1</sup> - Support vehicles include 50 miles round trip. Additional mileage based on \$0.65/mile.

<sup>2</sup> - Mobilization charges are portal to portal. Rate subject to surcharges based on fuel costs.

<sup>3</sup> - System charge does not include mobilization, setup, fuel and maintenance fees.

<sup>4</sup> - Carbon delivery, usage and recycling charges additional.

<sup>5</sup> - Fuel charges for equipment based on actual usage.

<sup>6</sup> - Weekly rates based on 4.5 times daily rate. Monthly rates are 3 times weekly rates.

<sup>7</sup> - Regular rate. Overtime rate of 1.5 times applies between 4 pm and 7 am weekdays and from 4 pm Friday to 7 am Monday.

All equipment must be rented with operators or on a jobsite with EnviroTek personnel.

## Florida Design Consultants, Inc.

<u>CLASSIFICATION</u>	<u>BILLABLE RATE</u>
Principal	\$ 165.00
Senior Professional Surveyor & Project Manager	\$ 125.00
Professional Surveyor	\$ 105.00
Senior CADD Technician	\$ 80.00
CADD Technician	\$ 75.00
Technical Support	\$ 65.00
5-Man Survey Crew	\$ 160.00
4-Man Survey Crew	\$ 150.00
3-Man Survey Crew	\$ 135.00
2-Man Survey Crew	\$ 115.00
4- Man GPS Crew	\$ 155.00
3- Man GPS Crew	\$ 140.00
2- Man GPS Crew	\$ 120.00
Clerical	\$ 45.00





**Preferred Drilling Solutions, Inc.**  
 11747 87th St. North, Largo, FL 33773  
 Ph: 727-561-7477 Fax: 727-561-9028  
 www.pdsflorida.com

Consultant Name: ECT

Date: 8/21/12

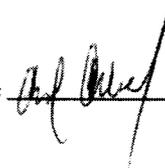
Site Name & Location: Pinellas County Enviro & Geo Rates

DRILLING :		Unit	Unit Rate	No. of Units	Total
<b>Split Spoon Collection</b> (continuous or 5' intervals) (can be used in conjunction with well installation) (includes decon)					
<50 foot boring depth		per foot	\$10.00		\$0.00
50 foot to 100 foot boring depth		per foot	\$12.50		\$0.00
>100 foot boring depth		per foot	\$15.00		
<b>Borehole Grouting</b>					
4 - inch borehole diameter		per foot	\$5.00		\$0.00
6 - inch borehole diameter		per foot	\$7.50		\$0.00
8 - inch borehole diameter		per foot	\$10.00		\$0.00
<b>1" - 2" Well Installation</b> (includes steamcleaning decon, screen, riser, sand pack, seal and grout)					
<50 foot boring depth		per foot	\$25.00		\$0.00
50 foot to 100 foot boring depth		per foot	\$27.00		\$0.00
>100 foot boring depth		per foot	\$30.00		\$0.00
<b>4" Well Installation</b> (includes steamcleaning decon, screen, riser, sand pack, seal and grout)					
<50 foot boring depth		per foot	\$30.00		\$0.00
50 foot to 100 foot boring depth		per foot	\$35.00		\$0.00
>100 foot boring depth		per foot	\$40.00		
<b>Recovery Well</b>	Diameter: 4-6"	per foot	\$60.00		\$0.00
<b>Double Cased Wells</b>					
6" Surface Casing		per foot	\$45.00		\$0.00
8" Surface Casing		per foot	\$60.00		\$0.00
<b>Well Completion</b> (includes 30 minute development, MH w/ cover, concrete pad, locking well cap, and sawjackhammer prep.)		per well	\$200.00		\$0.00
<b>Well Completion - Above Grade</b>		per well	\$250.00		\$0.00
<b>1" - 2" Well Abandonment</b> (includes grouting)		per foot	\$6.00		\$0.00
<b>3" - 4" Well Abandonment</b> (includes grouting)		per foot	\$8.00		\$0.00
<b>5" - 6" Well Abandonment</b> (includes grouting)		per foot	\$12.00		\$0.00
<b>2' x 2' Well Pad Removal and Patch</b>		each	\$100.00		\$0.00
<b>Mobilization</b>		roundtrip	\$350.00		\$0.00
<b>Per Diem</b>		per man / per night	\$110.00		\$0.00
<b>DOT Approved 55-gal Drum</b>		each	\$55.00		\$0.00
<b>Permits (Per WMD Fees)</b>		each	\$55.00		\$0.00
DIRECT PUSH :		Unit	Unit Rate	No. of Units	Total
<b>Mobilization - Tampa Bay Area</b>					
		roundtrip	\$300.00		\$0.00
<b>Probe/Crew - 1/2 Day</b>					
		1/2 Day	\$1,050.00		\$0.00
<b>Probe/Crew - Day</b>					
		Day	\$1,450.00		\$0.00
<b>2" Well Installation - via auger attachment</b>					
		per foot	\$10.00		\$0.00
<b>1" x 5' Prepacked Screen</b>					
		each	\$95.00		\$0.00
<b>1" x 5' .010 Screen</b>					
		each	\$20.00		\$0.00
<b>1" x 6' PVC Casing</b>					
		each	\$15.00		\$0.00
<b>Well Completion</b>					
		per well	\$100.00		\$0.00
<b>Drums</b>					
		each	\$55.00		\$0.00
<b>Per Diem</b>					
		per man / per night	\$110.00		\$0.00
<b>Permits (Per WMD Fees)</b>					
		each	\$55.00		\$0.00

Project No

<b>TOTAL</b>	<b>\$0.00</b>
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Signature and Title of Person Submitting Quote:



Chad Campbell, President