



**BOARD OF COUNTY COMMISSIONERS**

**DATE:** April 26, 2011  
**AGENDA ITEM NO.** 16

**Consent Agenda** ☐

**Regular Agenda** ☒

**Public Hearing** ☐

**County Administrator's Signature:**

**Subject:**

Approval of Final Agreements - Engineering Consultant Services for St. Petersburg-Clearwater International Airport  
Contract No. 101-0030-CN (AM)

**Department:**

Airport / Purchasing

**Staff Member Responsible:**

Noah Lagos / Joe Lauro

**Recommended Action:**

I RECOMMEND THE BOARD OF COUNTY COMMISSIONERS (BOARD) APPROVE THE FINAL NEGOTIATED AGREEMENTS WITH EACH OF THE EIGHT (8) TOP RANKED FIRMS FOR ENGINEERING CONSULTANT SERVICES FOR ST. PETERSBURG-CLEARWATER INTERNATIONAL AIRPORT ON A CONTINUING BASIS AS OUTLINED IN THE REQUEST FOR PROPOSAL.

IT IS FURTHER RECOMMENDED THE CHAIRMAN SIGN THE AGREEMENTS AND THE CLERK ATTEST PERTAINING TO THE FOLLOWING:

1. URS CORPORATION SOUTHERN D/B/A URS, TAMPA, FLORIDA
2. JACOBS ENGINEERING GROUP, INC., TAMPA, FLORIDA
3. AECOM TECHNICAL SERVICES, INC., TAMPA, FLORIDA
4. THE LPA GROUP INCORPORATED, A UNIT OF MICHAEL BAKER CORP., TAMPA, FLORIDA
5. AVCON INC., ORLANDO, FLORIDA
6. TBE GROUP, INC., D/B/A CARDNO TBE, CLEARWATER, FLORIDA
7. ATKINS NORTH AMERICA, INC. (FORMERLY KNOWN AS PBS&J) TAMPA, FLORIDA
8. H. W. LOCHNER, INC., CLEARWATER, FLORIDA

**Summary Explanation/Background:**

On March 22, 2011, the Board, as per Consultant Competitive Negotiation Act (CCNA) policy, approved the ranking of firms pertaining to a continuing contract for engineering consultant services for St. Petersburg-Clearwater International Airport and authorized staff to negotiate final contracts with the eight (8) highest ranked firms.

A final agreement with each of the eight (8) firms has been negotiated by Purchasing staff and is presented to the Board for consideration. All of the firms have provided fully loaded rates which include all overhead(s), profit and local travel. The new contract offers several advantages over previous contracts in that Consumer Price Index adjustments have been deleted, the pricing is fixed for four (4) years and the County reserves the right to re-negotiate rates if there is a change in market conditions.

The contract is effective upon execution of the agreements and continues for a period of four (4) years.

Since this contract is comprised of eight individual agreements each with approximately fifteen pages, staff thought it more prudent and economical to attach a sample of a final agreement along with all of the firms corresponding negotiated rates as opposed to copying all of the agreements.

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

The upset limit over the forty-eight (48) month term of the contract is \$600,000.00 for each firm for a total of \$4,800,000.00. 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 Attached:**

Sample Final Agreement  
Negotiated Rates of Consultants and Sub-consultants

# PROFESSIONAL SERVICES CONTINUING SERVICES AGREEMENT

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**SECTION 1  
INTENT OF AGREEMENT**

**AGREEMENT FOR PROFESSIONAL SERVICES FOR  
ST. PETERSBURG-CLEARWATER INTERNATIONAL AIRPORT**

THIS AGREEMENT, entered into on the \_\_\_\_day of \_\_\_\_20\_\_\_\_ 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 TBE Group, Inc. d/b/a Cardno TBE, with offices in Clearwater, FL, hereinafter referred to as the CONSULTANT.

WITNESSETH, That:

WHEREAS, the COUNTY Airport Department requires **PROFESSIONAL SERVICES** associated with various maintenance and improvement needs on an as needed basis, herein referred as PROJECT.

WHEREAS, the COUNTY desires the CONSULTANT provide PROFESSIONAL SERVICES requisite to the management needs of the Airport 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**

See Exhibit B.

**2.2 ASSIGNMENT OF WORK**

Work to be performed by the CONSULTANT shall be on an assignment-by-assignment basis. Work assignments shall be made by the COUNTY's Airport Director or Designee. Prior to any work 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 work 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 endorse all reports, calculations, contract plans, and survey data. Services shall be prepared under the direction of an Architect or Engineer registered in the State of Florida and qualified in the required discipline. Products of services performed or checked shall be signed and sealed by the CONSULTANT'S Florida registered engineer.
- 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 WORK 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 WORK assignment)
  - 3.1.6 Bidding Phase (Services to be defined with each specific WORK assignment)
  - 3.1.7 Other Engineering Services. (Services to be defined with each specific WORK assignment)
    - a. Survey Work – Assist the COUNTY in conducting surveys of construction projects proposed for landfill operation and permitting. 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, feasibility 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 Work Assignments to be performed by the CONSULTANT shall commence upon receipt, from the COUNTY, of a written Notice to Proceed from the COUNTY's Airport Director or Designee who is a COUNTY employee.
- B. The CONSULTANT'S Performance Schedule for any authorized Work 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 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 All progress reports and invoices shall be mailed to the attention of John R. Holt, 14700 Terminal Blvd. Suite 221, Clearwater, Florida, 33762.

6.4 Invoices not properly prepared (mathematical errors, billing not reflecting actual work done, no signature, etc.) shall be returned to the CONSULTANT for correction.

6.5 Any and all disputes regarding invoices shall be resolved by the Dispute Resolution for Pinellas County Commissioners in Matters of Invoice Payments.

## **SECTION 7 COMPENSATION TO THE CONSULTANT**

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

- A. For Work 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 Work Assignment and shall include the cost of all labor, overhead, profit, and expenses of any nature.
- B. For indeterminate Work 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 of four (4) year term of this Agreement is an amount not to exceed Six Hundred Thousand dollars (\$600,000). 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.

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 TASK ORDERS**

8.1 The COUNTY and the CONSULTANT shall mutually agree on scope of services based on individual task orders as needed throughout the AGREEMENT term; thus Task Orders require authorization by an approved purchase order.



8.2 The CONSULTANT shall perform no services contemplated to merit compensation beyond that provided for in detailed task orders unless such services and compensation therefore, shall be provided for by appropriate written authorization via a change order to the task order. 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.

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### **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**

14.1 The CONSULTANT shall procure, pay for and maintain at least the following insurance coverages and limits. Said insurance shall be evidenced by delivery to the COUNTY of one (1) certificate of insurance executed by the insurers listing coverages and limits, expiration dates and terms of policies and all endorsements whether or not required by the COUNTY, and listing all carriers issuing said policies; and (2) upon request, a certified copy of each policy including all endorsements. The insurance requirements shall remain in effect throughout the term of the Agreement.

14.1.1 Workers' Compensation in at least the Limits as required by law; Employers' Liability Insurance of not less than \$100,000 for each accident.

14.1.2 Comprehensive General Liability Insurance including, but not limited to, Independent Contractor, Contractual, Premises-Operations, and Personal Injury covering the liability assumed under indemnification provisions of this Agreement, with limits of liability for personal injury and/or bodily injury, including death of not less than \$500,000, each occurrence; and property damage of not less than \$100,000, each occurrence. (Combined Single Limits of not less than \$500,000, each occurrence, will be acceptable unless otherwise stated). Coverage shall be on an "occurrence" basis, and the policy shall include Broad Form Property Damage coverage of not less than \$50,000 per occurrence, unless otherwise stated by exception herein.

14.1.3 Professional Liability Insurance (including Errors and Omissions) with minimum limits of \$1,000,000 per occurrence, if occurrence form is available; or claims made form with "tail coverage" extending three (3) years beyond completion and acceptance of the PROJECT with proof of "tail coverage" to be submitted with the invoice for final payment. In lieu of "tail coverage," CONSULTANT may submit annually to the COUNTY a current Certificate of Insurance proving claims made insurance remains in force throughout the same three (3) year period.

14.1.4 Comprehensive Automobile and Truck liability covering owned, hired and non-owned vehicles with minimum limits of \$500,000 each occurrence for bodily injury including death,

and property damage of not less than \$100,000, each occurrence. (Combined Single Limits of not less than \$500,000 each occurrence, will be acceptable unless otherwise stated). Coverage shall be on an "occurrence" basis, such insurance to include coverage for loading and unloading hazards.

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

14.2.1 Each policy shall require that thirty (30) days prior to expiration, cancellation, non-renewal or any material change in coverages or limits, a notice thereof shall be given to COUNTY by certified mail to: Director of Purchasing or designee and the Director of Risk Management at 400 South Ft. Harrison Avenue, Clearwater, FL, 33756. CONSULTANT shall also notify COUNTY, in a like manner, within twenty-four (24) hours after receipt, of any notices of expiration, cancellation, non-renewal or material change in coverage received by said CONSULTANT from its insurer; and nothing contained herein shall absolve CONSULTANT of this requirement to provide notice.

14.2.2 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 CONSULTANT.

14.2.3 The term COUNTY in this Section 14 shall include the Board of County Commissioners, all its members, its officers, and employees while acting on behalf of Pinellas County.

14.2.4 Pinellas County shall be endorsed to the required policy or policies as an additional insured, exclusive of Professional Liability Insurance and Workers' compensation Insurance.

14.2.5 The policy clause "Other Insurance" shall not apply to any insurance coverage currently held by the COUNTY to any such future coverage, or to the COUNTY'S Self-Insured Retentions of whatever nature.

14.3 The CONSULTANT hereby waives subrogation rights for loss or damage against the 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 To the extent permissible by law; the successful proposer(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 four 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 four 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.

**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.

Firm Name

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: \_\_\_\_\_  
Office of the County Attorney



March 30, 2011

Ms. Amelia McFarlane  
Senior Procurement Analyst  
Pinellas County Purchasing  
400 South Ft. Harrison, Sixth Floor  
Clearwater, Florida 33766

**RE: Engineering Consultant Services for the St. Petersburg-Clearwater  
International Airport.  
Contract No. #101-0030-CN (AM)**

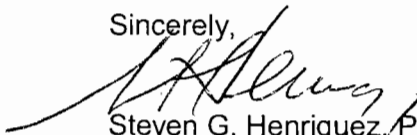
Dear Ms. McFarlane:

Enclosed as requested are proposed revised billing rates for URS Corporation Southern and our sub-consultants Kelly Taaffee Design, Inc., Newton & Associates, Inc., and Tierra, Inc.

As requested by Mr. Lauro in his March 28, 2011 email, the rates have been adjusted to both reflect no escalation over a 3 year period and to include anticipated traditional expenses such as miscellaneous printing and mileage.

Should you have any questions on the enclosed, please do not hesitate to call.

Sincerely,



Steven G. Henriquez, PE  
Vice President  
URS Corporation Southern

/kl



## EXHIBIT "A-3"

### SCHEDULE OF SUBCONSULTANT RATE VALUES

#### PROFESSIONAL ARCHITECTURAL SUPPORT HOWARD AND ASSOCIATES, ARCHITECTS, P.A.

CLASSIFICATION	RATE
PROFESSIONAL ARCHITECT	\$170
PROJECT MANAGER - ARCHITECTURAL	\$105
INTERN ARCHITECT	\$65
SENIOR ARCHITECTURAL DESIGNER	\$80
SENIOR ARCHITECTURAL DRAFTER	\$65
ARCHITECTURAL DRAFTER	\$55

#### AIRPORT SECURITY DESIGN FAITH GROUP, LLC

CLASSIFICATION	RATE
SECURITY PROJECT MANAGER	\$165
SR. ENGINEER (SECURITY)	\$155
SR. DESIGNER (SECURITY)	\$140
ENGINEER (SECURITY)	\$135
CAD	\$75

**EXHIBIT “A-4”**

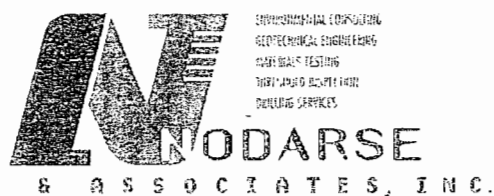
**SCHEDULE OF SUBCONSULTANT RATE VALUES**

**AVIATION PLANNING & FINANCIAL ANALYSIS  
MICHAEL G. MORONEY & ASSOCIATES, INC.**

<b>CLASSIFICATION</b>	<b>RATE</b>
FINANCIAL ANALYST	\$175

**AIR SERVICE STUDIES  
INTERVISTAS**

<b>CLASSIFICATION</b>	<b>RATE</b>
AIR SERVICE STUDIES	\$210
AIR SERVICE DEVELOPMENT	\$210
MODELING AND FORECASTING	\$140

**FEE SCHEDULE**

**Pinellas County - Engineering Consultant Services for St. Petersburg/Clearwater International Airport  
Geotechnical Services**

<b>I. LABORATORY SERVICES</b>			
a. Natural Moisture Content	\$	15.00	Each
b. Grain Size Analysis			
1. Full Gradation	\$	75.00	Each
2. Single Sieve	\$	50.00	Each
3. Hydrometer with Full Grain Size	\$	175.00	Each
c. Organic Content	\$	40.00	Each
d. Atterberg Limits Tests	\$	80.00	Each
<b>II. DRILLING AND FIELD SERVICES</b>			
a. Mini Track Rig Mobilization	\$	350.00	Per Event
b. Truck Mounted Drill Rig Mobilization	\$	350.00	Per Event
Mobilization of Barge and Drill Rig		Priced upon Request	
c. Standard Penetration Test Borings			
1. 0 - 50 feet	\$	12.00	Per Foot
2. 50 - 100 feet	\$	14.00	Per Foot
d. Grout Seal Borings			
1. 0 - 50 feet	\$	4.00	Per Foot
2. 50 - 100 feet	\$	5.00	Per Foot
e. Casing Allowance (3 inch)			
1. 0 - 50 feet	\$	6.00	Per Foot
2. 50 - 100 feet	\$	9.00	Per Foot
f. Auger Borings	\$	9.00	Per Foot
g. Clearing/Difficult Access	\$	150.00	Per Hour
h. Thin-Walled Tube Samples			
1. 0 - 50 feet	\$	150.00	Per Foot
2. 50 - 100 feet	\$	200.00	Per Foot
i. Extra Split Spoon Samples			
1. 0 - 50 feet	\$	25.00	Each
2. 50 - 100 feet	\$	28.00	Each
j. Double Ring infiltration Tests (DRIT) (Max Depth 3 Feet)	\$	400.00	Each

GAINESVILLE  
TALLAHASSEE

JACKSONVILLE  
TAMPA

LAKELAND  
WEST PALM BEACH

MIAMI  
WEST PALM BEACH

ORMOND BEACH  
WINTER PARK

**BUILD ON OUR EXPERIENCE**

504 E. TYLER STREET | TAMPA, FLORIDA 33602  
P: 813-221-0050 | T: 800-457-4745 | F: 813-221-0051  
WWW.NODARSE.COM



*2011 LABOR HOURLY RATES*

<i>CLASSIFICATION</i>	<i>LOADED HOURLY RATES</i>
Project Director/Principal	\$230.00
Senior Project Manager	\$210.00
Project Manager	\$162.00
Senior Engineer	\$140.00
Engineer	\$126.00
Senior Designer	\$112.00
Designer	\$98.00
CADD Tech.	\$98.00
Admin.	\$70.00
Senior Architect	\$175.00
Architect	\$129.00
Landscape Architect	\$168.00
Senior Electrical	\$168.00
Electrical	\$115.00
Senior Mechanical	\$140.00
Mechanical	\$107.00
Senior Planner	\$224.00
Planner	\$112.00

**AMERICAN INFRASTRUCTURE DEVELOPMENT, INC. (AID, INC.)**

**LABOR RATES (03/2011)**



CLASSIFICATION	RATE	LOADED RATE
Project Principal	\$61.54	\$178.00
Project Manager	\$58.17	\$169.00
Senior Engineer	\$53.85	\$156.00
Engineer	\$39.42	\$114.00
Sr. Designer	\$32.21	\$93.00
Designer	\$26.44	\$77.00
Sr. Technician	\$23.08	\$67.00
Technician	\$21.15	\$61.00
Clerical	\$20.19	\$59.00

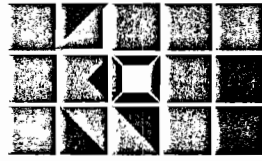
**AMERICAN QUALITY CONSULTANTS, LLC**

**LABOR RATES**



CLASSIFICATION	LOADED RATE
Project Principal	\$180.00
Project Manager	\$175.00
Senior Engineer	\$150.00
Engineer	\$105.00
Sr. Designer	\$100.0
Designer	\$75.00
Sr. Technician	\$80.00
Technician	\$75.00
Clerical	\$60.00

3/24/2011



KTD Inc.

*Design*

KELLY TAAFFE DESIGN

CLASSIFICATION	LOADED RATE
Principal Interior Designer	\$175.00/hr
Sr. Support Interior Design	\$115.00/hr
Jr. Support Interior Design	\$85.00/hr
CAD Support	\$75.00/hr
Administrative Svc.	\$45.00/hr

KELLY TAAFFE DESIGN INC. 2639 North Dundee, Tampa, Florida 33629,

CELL: 813-695-5049; Phone: 813.254.4507; Fax: 813.805.2371

Licensed by the State of Florida, Dept. of Architecture and Interior Design Lic.# ID0002289 & IB0001146

Member in good standing: IDSA, ASID ASSOC.

Title	Rate (\$/hr)
Directors	260
Associate Directors	220
Principal Consultants	200
Senior Advisors	180
Senior Consultants	160
Consultants	120
Interns	80
Graphics Technicians	90
Project Support	80
Word Processin	65

Professional services will be billed at rates by individual within the above ranges.





**BIRKITT  
ENVIRONMENTAL  
SERVICES, INC.**

**PINELLAS COUNTY  
Engineering Consultant Services for Airport  
SCHEDULE OF FEES  
2011**

<b>PERSONNEL</b>	<b>LOADED RATE</b>
Consultant-Principal	\$172/HR
Senior Consultant	\$142/HR
Senior Scientist	\$100/HR
Project Scientist II	\$ 90/HR
Project Scientist I	\$ 85/HR
Environmental Specialist/Ecologist III	\$ 65/HR
Environmental Specialist/Ecologist II	\$ 59/HR
Environmental Specialist/Ecologist I	\$ 56/HR
Administrative Support	\$ 55/HR

AECOM Technical Services, Inc.  
 2202 N. West Shore Blvd. Suite 455  
 Tampa, FL 33607  
 T: 813.675.2100 F: 813.675.2150  
 www.aecom.com



## Exhibit A

### STANDARD HOURLY RATE SCHEDULE AECOM Technical Services, Inc.

Effective March 30, 2011

For

Pinellas County

Contract No. 101-0030-CN (AM)

To Provide

Engineering Consultant Services for St. Petersburg-Clearwater International Airport

#### AECOM Technical Services, Inc.

Fully Loaded (Burdened) Labor Rates for Managers, Engineers, Designers, Landscape Architects, Planners, Geologists, Scientists, Technical Support Staff and Construction Management Personnel:

Principal	\$ 275.00 per hour
ISO Quality Assurance & Quality Control Manager	\$ 200.00 per hour
Senior Project Manager	\$ 198.00 per hour
Senior Aviation Planner	\$ 150.00 per hour
Senior IT/Security/GIS Specialist/Noise Analyst	\$ 140.00 per hour
Senior Landscape Architect/Land use Planner	\$ 140.00 per hour
Senior Project Engineer	\$ 131.00 per hour
Project Engineer	\$ 113.00 per hour
Environmental Planner/Geologist	\$ 125.00 per hour
IT/Security/GIS Specialist/Noise Analyst	\$ 125.00 per hour
Senior CADD Operator/Drafter/Designer	\$ 96.00 per hour
CADD Operator/Drafter/Designer	\$ 72.00 per hour
Administrative Specialist/Clerical/Technical Typist	\$ 51.00 per hour
Construction Manager/Senior Resident Engineer	\$ 150.00 per hour
Senior Inspector/Project Representative	\$ 115.00 per hour
Inspector/Resident Project Representative	\$ 85.00 per hour

All fully loaded (burdened) hourly labor rates stated above include all labor, fringe benefits, all business direct/indirect overhead, all profits, and travel within the Tampa Bay metropolitan statistical area, except for the following direct project expenses:

#### Direct Project Expenses:

Travel - Automobile/Truck (outside of Tampa Bay Metropolitan Statistical Area)	Per Florida Statutes
Sub-consultant Services (Refer to attached pages for hourly rates of each sub-consultant firm listed below) HOK Architects, Inc. TLC Engineering for Architecture, Inc. AVCON Inc. Echezabal & Associates, Inc. Driggers Engineering Services, Inc.	Actual Costs
Other Actual Expenses (Long distance telecommunications, reproduction of Documents, postage/document delivery charges, and payment of permit fees on The County's behalf)	Actual Costs

HOK Architects, Inc.  
One Tampa City Center, Suite 1800,  
Tampa, FL 33602 USA  
t +1 813 371 5749 f +1 813 223 7116  
[www.hok.com](http://www.hok.com)

**Exhibit A**

**STANDARD HOURLY RATE SCHEDULE  
HOK Architects, Inc.**

**Effective March 30, 2011**

**For**

**Pinellas County**

**Contract No. 101-0030-CN (AM)**

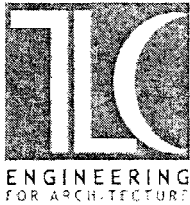
**To Provide**

**Engineering Consultant Services for St. Petersburg-Clearwater International Airport**

**HOK Architects, Inc.**

**Architecture Planning & Design**

Principal	\$ 255.00 per hour
Architect	\$ 110.00 per hour
Project Manager	\$ 170.00 per hour
Construction Administrator	\$ 130.00 per hour
Senior Designer	\$ 110.00 per hour
Junior Designer	\$ 85.00 per hour
Clerical	\$ 85.00 per hour



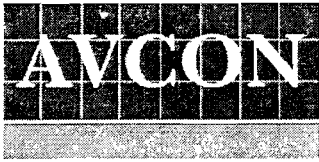
### **TLC Standard Hourly Rates**

Professional Engineering Services Proposal No.: St. Petersburg/Clearwater Airport GEC  
March 30, 2011

#### **TLC Engineering for Architecture, Inc.**

BILLING FACTOR	DESIGNATION	BILLING RATES
6	Director	\$ 195
5	Senior Engineer, Manager	165
4	Project Engineer, Manager	135
3	Engineer, Specialist	105
2	Graduate Engineer, Designer, Administrative Secretary	85
1	Technician, Secretary, Intern, Clerical	60

Forensic Engineering and Special Consulting – 1.5 to 2.0 times normal billing rate



**AVCON, INC.**  
ENGINEERS & PLANNERS

5555 E. Michigan St., Suite 200  
Orlando, FL 32822-2779  
Phone: (407) 599-1122  
Fax (407) 599-1133  
[www.avconinc.com](http://www.avconinc.com)

**Exhibit A**

**STANDARD HOURLY RATE SCHEDULE  
AVCON, INC.**

**Effective March 30, 2011  
For  
Pinellas County  
Contract No. 101-0030-CN (AM)  
To Provide  
Engineering Consultant Services for St. Petersburg-Clearwater International Airport**

<u>Position Description</u>	<u>Billing Rate</u>
Principal	\$199.00
QC Reviewer	\$199.00
Senior Project Manager	\$199.00
Project Manager	\$156.00
Senior Mechanical Engineer	\$139.00
Senior Aviation Planner	\$139.00
Senior Engineer	\$121.00
Project Engineer	\$98.00
Engineer/ Planner	\$70.00
Senior CADD Designer	\$90.00
CADD Designer	\$70.00
Resident Inspector	\$96.00
Administrative	\$60.00



# **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**

#### **STANDARD HOURLY RATE SCHEDULE Echezabal & Associates, Inc.**

**Effective March 30, 2011**

**For**

**Pinellas County**

**Contract No. 101-0030-CN (AM)**

**To Provide**

**Surveying & Mapping Services for St. Petersburg-Clearwater International Airport**

<b>Senior Surveyor &amp; Mapper</b>	<b>\$134.36 / Hour</b>
<b>Surveyor &amp; Mapper</b>	<b>\$110.02 / Hour</b>
<b>CADD Technician</b>	<b>\$ 94.36 / Hour</b>
<b>Survey Field Crew</b>	<b>\$176.42 / Hour</b>



Driggers Engineering Services, Inc.  
12220 49<sup>th</sup> Street North  
Clearwater, FL 33762  
T: 727.571.1313

**Exhibit A**

**STANDARD HOURLY RATE SCHEDULE  
Driggers Engineering Services, Inc.**

Effective March 30, 2011  
For  
Pinellas County  
Contract No. 101-0030-CN (AM)

To Provide

**Geotechnical and Materials Testing and Inspection Services  
for  
St. Petersburg-Clearwater International Airport**

2011

**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 Miscellaneous Materials, Bits, Equipment Rental, Supplies, etc.	Cost + 15%
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 + 15%
	2.4.3 Miscellaneous Materials, Bits, Equipment Rental, Supplies, etc.	Cost + 15%
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 1/8")	50.00/LF
2.10.2	2 3/4" 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 $\leq 3$ 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

4.0 SOILS		
ITEM	DESCRIPTION	UNIT FEE
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.

5.0 CONCRETE		
ITEM	DESCRIPTION	UNIT FEE
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.

7.0 SOIL-CEMENT		
ITEM	DESCRIPTION	UNIT FEE
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.



8.0 ASPHALT		
ITEM	DESCRIPTION	UNIT FEE
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.

9.0 PILING INSPECTION		
ITEM	DESCRIPTION	UNIT FEE
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.

10.0 ROOFING SERVICES		
ITEM	DESCRIPTION	UNIT FEE
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.

**10.0 ROOFING SERVICES**

(Continued)

ITEM	DESCRIPTION	UNIT FEE
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 + 15%

## NOTES

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>
5.	Equipment rentals are not included in the schedule of rate values provided herein.
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 four (4) years.
8.	In-place field density testing is performed with a minimum of \$60.00 per trip.

**THE LPA GROUP INCORPORATED**

*A Unit of Michael Baker Corporation*

**2011 RATE SCHEDULE**

TITLE	SALARY GRADE / RATES															
	G02 \$ 30.00	G03 \$ 34.00	G04 \$ 39.00	G05 \$ 45.00	G06 \$ 51.00	G07 \$ 58.00	G08 \$ 66.00	G09 \$ 76.00	G10 \$ 86.00	G11 \$ 98.00	G12 \$112.00	G13 \$128.00	G14 \$146.00	G15 \$166.00	G16 \$191.00	G17 \$221.00
Intern	I		II													
Support Tech		I	II	III	IV		V									
Admin Asst					I	II	III									
CADD Tech					I	II	III									
Designer								I	II	III						
Associate																
<i>Planning</i>							I	II								
<i>Design</i>							I		II							
<i>Engineering</i>								I	II							
<i>Environmental</i>								I	II							
<i>Construction</i>								I	II							
Engineer																
<i>Civil</i>										I	II	III				
<i>Drainage</i>										I	II	III				
<i>Electrical</i>												I	II			
<i>Structural</i>										I	II	III				
<i>Traffic</i>										I	II	III				
Architect											I	II				
Planner									I		II					
Environ. Specialist										I	II					
Inspector								I		II						
Constr Specialist										I	II					
Project Manager												I	II	III	IV	V

**HILLERS ELECTRICAL ENGINEERING, INC.  
SCHEDULE OF HOURLY LABOR BILLING RATES**

The following hourly billing rates are for use during 2011 and apply to the Airports General Engineering Services Contract.

The CONSULTANT'S key personnel include:

**CONSULTANT: HILLERS ELECTRICAL ENGINEERING, Inc.**

DESCRIPTION	HOURLY BILLING RATES
Project Manager	\$ 130.00
Professional Engineer	\$ 115.00
Project Engineer	\$ 105.00
Field Engineer	\$ 105.00
CADD Technician	\$ 80.00
Clerical	\$ 55.00

**HILLERS ELECTRICAL ENGINEERING, INC.  
SCHEDULE OF HOURLY LABOR BILLING RATES**

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The CONSULTANT'S key personnel include:

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Project Manager	\$ 130.00
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Field Engineer	\$ 105.00
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Clerical	\$ 55.00

**AMERICAN QUALITY CONSULTANTS, LLC**

**2011 LABOR RATES**

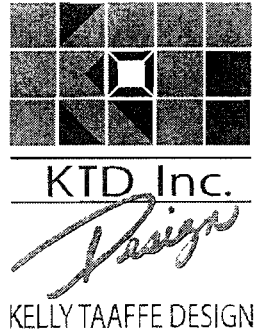


CLASSIFICATION	LOADED RATE
Project Principal	\$180.00
Project Manager	\$175.00
Senior Engineer	\$150.00
Engineer	\$105.00
Sr. Designer	\$100.0
Designer	\$75.00
Sr. Technician	\$80.00
Technician	\$75.00
Clerical	\$60.00

3/24/2011



x



The LPA Group Incorporated  
Atten: Mark Kistler  
4/9/2011

**KTD, Inc.'s rates for The PIE GEC contract are as follows:**

**Principal Interior Designer: \$185.00/hr**

**Sr. Support Interior Design:\$120.00/hr**

**Jr. Support Interior Design : \$85.00/hr**

**CAD support \$75.00/hr.**

**Administrative Svc.: \$55.00/hr**

**These rates include regular expenses and mileage.**

Thank you,  
Kelly Taaffe Noto,  
Pres. Kelly Taaffe Design, Inc. ( KTD, Inc.)



KELLY TAAFFE DESIGN INC. 2639 North Dundee, Tampa, Florida 33629,  
CELL: 813-695-5049; Phone: 813.254.4507; Fax: 813.805.2371  
Licensed by the State of Florida, Dept. of Architecture and Interior Design Lic.# ID0002289 & IB0001146  
Member in good standing: IDSA, ASID ASSOC.



**GEORGE F. YOUNG, INC.**  
**LPA Fee Schedule**  
**April 8, 2011**

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

**PROFESSIONAL STAFF**

**ARCHITECTURE**

Principal Architect	\$ 145.00
Architect III	\$ 130.00
Architect II	\$ 110.00
Architect I	\$ 95.00

**LANDSCAPE ARCHITECTURE**

Principal Landscape Arch	\$ 145.00
Landscape Arch III	\$ 105.00
Landscape Arch II	\$ 100.00
Landscape Arch I	\$ 85.00

**SURVEY**

Principal Surveyor	\$ 145.00
Surveyor III	\$ 130.00
Surveyor II	\$ 110.00
Surveyor I	\$ 95.00

**ENGINEERING**

Principal Engineer	\$ 155.00
Engineer III	\$ 140.00
Engineer II	\$ 120.00
Engineer I	\$ 100.00

**PLANNING**

Principal Planner	\$ 145.00
Planner III	\$ 130.00
Planner II	\$ 110.00
Planner I	\$ 95.00

**ENVIRONMENTAL**

Principal Ecologist	\$ 125.00
Senior Ecologist	\$ 110.00
Ecologist	\$ 80.00
Environmental Scientist	\$ 80.00
Permit Coordinator	\$ 70.00

**TECHNICAL STAFF**

Designer III	\$ 100.00
Designer II	\$ 85.00
Designer I	\$ 75.00

Technician III	\$ 80.00
Technician II	\$ 70.00
Technician I	\$ 60.00

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 within a fifty (50) mile radius of office and basic equipment. Rates do NOT include special survey instruments and equipment, or hydrographic equipment. See Sheet 2 for equipment rates.

**SUBSURFACE UTILITY DESIGNATION/LOCATION**

Location Vac Truck and Crew	\$1,850.00	Per Day	Utility Manager III	\$ 125.00
2 Person Designation Truck and Crew	\$1,385.00	Per Day	Utility Manager II	\$ 100.00
3 Person Designation Truck and Crew	\$1,675.00	Per Day	Utility Manager I	\$ 75.00
Ground Penetrating Radar with Operator	\$1,475.00	Per Day	SUE Lead Locator	\$ 70.00
Mobilization/Demobilization	\$ 300.00	Per Day	SUE Locator Tech	\$ 50.00
Maintenance of Traffic (MOT)	\$ 400.00	Average Charge Per Setup		

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

**LEGAL ASSISTANCE**

**Preparation for Sworn Testimony**

Professional Planner, Engineer, or Architect	\$ 200.00
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 Planner, Engineer, or Architect	\$ 250.00
Professional Surveyor and Mapper	\$ 250.00



**GEORGE F. YOUNG, INC.**

***LPA Fee Schedule***

***April 8, 2011***

**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

Fees and permits at cost. Subconsultants at cost.



## FEE SCHEDULE

### Pinellas County - Engineering Consultant Services for St. Petersburg/Clearwater International Airport Geotechnical Services

<b>I. LABORATORY SERVICES</b>			
a.	Natural Moisture Content	\$	15.00 Each
b.	Grain Size Analysis		
	1. Full Gradation	\$	75.00 Each
	2. Single Sieve	\$	50.00 Each
	3. Hydrometer with Full Grain Size	\$	175.00 Each
c.	Organic Content	\$	40.00 Each
d.	Atterberg Limits Tests	\$	80.00 Each
<b>II. DRILLING AND FIELD SERVICES</b>			
a.	Mini Track Rig Mobilization	\$	350.00 Per Event
b.	Truck Mounted Drill Rig Mobilization	\$	350.00 Per Event
	Mobilization of Barge and Drill Rig	Priced upon Request	
c.	Standard Penetration Test Borings		
	1. 0 - 50 feet	\$	12.00 Per Foot
	2. 50 - 100 feet	\$	14.00 Per Foot
d.	Grout Seal Borings		
	1. 0 - 50 feet	\$	4.00 Per Foot
	2. 50 - 100 feet	\$	5.00 Per Foot
e.	Casing Allowance (3 inch)		
	1. 0 - 50 feet	\$	6.00 Per Foot
	2. 50 - 100 feet	\$	9.00 Per Foot
f.	Auger Borings	\$	9.00 Per Foot
g.	Clearing/Difficult Access	\$	150.00 Per Hour
h.	Thin-Walled Tube Samples		
	1. 0 - 50 feet	\$	150.00 Per Foot
	2. 50 - 100 feet	\$	200.00 Per Foot
i.	Extra Split Spoon Samples		
	1. 0 - 50 feet	\$	25.00 Each
	2. 50 - 100 feet	\$	28.00 Each
j.	Double Ring infiltration Tests (DRIT) (Max Depth 3 Feet)	\$	400.00 Each

## BUILD ON OUR EXPERIENCE

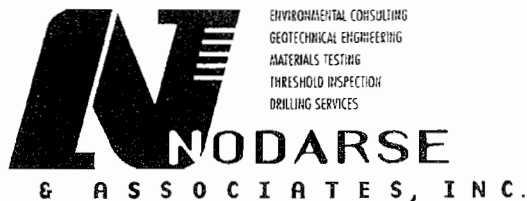
GAINESVILLE  
TALLAHASSEE

JACKSONVILLE  
TAMPA

LAKELAND  
WEST PALM BEACH

MIAMI  
ORMOND BEACH  
WINTER PARK

504 E. TYLER STREET | TAMPA, FLORIDA 33602  
P: 813-221-0050 | 800-457-4745 | F: 813-221-0051  
WWW.NODARSE.COM



**Fee Schedule**  
**2011 HAZARDOUS MATERIALS/WASTES EMERGENCY RESPONSE**  
**Pinellas County - Engineering Consulting Services for St. Petersburg/**  
**Clearwater International Airport**

DESCRIPTION	RATE	UNIT
<b>I. FIELD SERVICES</b>		
a. Mobilization/Demobilization	\$ 200.00	Each
b. Vacuum Truck (3,000 gallons) (\$300/hour; overtime)	\$ 200.00	Per Hour
c. Excavator/Loader	\$ 800.00	Per Day
d. Petroleum Impacted Water	\$ 0.50	Per Gallon
e. Industrial Waste Sludge Removal	\$ 1.50	Per Gallon
f. Sorbent Booms	\$ 125.00	Per Bale
g. Sorbent Pads (100 pads per package)	\$ 100.00	Per Package
h. 55-gallon drum	\$ 60.00	Each
i. 85-gallon Overpack Drum	\$ 100.00	Each
j. Organic Vapor Analyzer/ Photo Ionization Detector	\$ 165.00	Per Day
<b>II. SPILL CLEANUP EQUIPMENT-SEWER, ETC.</b>		
a. Pump Truck (4,000 gallons)		
Regular Hours	\$ 400.00	Per Load
After Hours	\$ 520.00	Per Load
b. Vacon (2,500 gallons)		
Regular Hours (3 hour minimum)	\$ 195.00	Per Hour
After Hours (no minimum)	\$ 400.00	Per Hour
c. Disposal Fee		
Liquids	\$ 0.45	Per Gallon
Cementuous	\$ 410.00	Per Load
Vacon Disposal	\$ 410.00	Per Load
<b>III. LABORATORY SERVICES</b>		
a. Virgin Preburn	\$ 380.00	Each
b. Non-Virgin Preburn	\$ 550.00	Each
c. Gasoline Analytical Group	\$ 275.00	Each
d. Kerosene Analytical Group	\$ 400.00	Each
e. Waste Oil Group	\$ 655.00	Each
f. 8 RCRA Metals	\$ 125.00	Each
g. TCLP Full List	\$ 810.00	Each
h. TCLP Extraction	\$ 30.00	Each
i. TCLP Metals	\$ 105.00	Each
j. TCLP Volatiles	\$ 120.00	Each
k. TCLP SemiVolatiles	\$ 270.00	Each
l. TCLP Pesticides	\$ 115.00	Each
m. TCLP Herbicides	\$ 145.00	Each
n. Ignitability	\$ 30.00	Each
o. Corrosivity	\$ 13.00	Each
p. Reactivity	\$ 75.00	Each

GAINESVILLE  
TALLAHASSEE

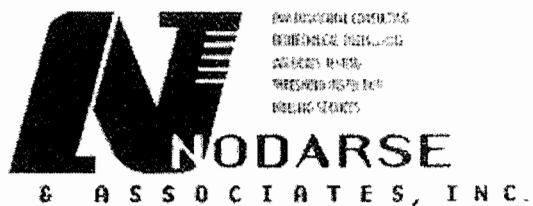
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TAMPA

LAKELAND MIAMI  
WEST PALM BEACH

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P: 813-221-0050 | 800-457-4745 | F: 813-221-0051  
WWW.NODARSE.COM



q. Paint Filter Test	\$ 35.00 Each
r. Priority Pollutants-Full List	\$ 795.00 Each
s. Fecal coliform	\$ 75.00 Each

GAINESVILLE  
TALLAHASSEE

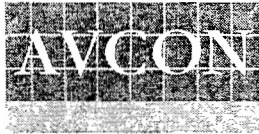
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#### BUILD ON OUR EXPERIENCE

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P: 813-221-0050 / 800-457-4745 / F: 813-221-0051  
WWW.NODARSE.COM



AVCON, INC.  
ENGINEERS & PLANNERS  
5555 E. Michigan Street, Suite 200  
Orlando, Florida 32822-2779  
Phone: (407) 599-1122  
Fax: (407) 599-1133  
www.avconinc.com

"EXHIBIT A"

AVCON, INC.

ST. PETE-CLEARWATER INTERNATIONAL AIRPORT

SCHEDULE OF RATE VALUES

<u>Position Description</u>	<u>2011 Proposed Contract Billing Rate</u>
Principal	\$199.00
QC Reviewer	\$199.00
Senior Project Manager	\$199.00
Project Manager	\$156.00
Senior Mechanical Engineer	\$139.00
Senior Aviation Planner	\$139.00
Senior Engineer	\$121.00
Project Engineer	\$98.00
Engineer/ Planner	\$70.00
Sr CADD Designer	\$90.00
CADD Designer	\$70.00
Resident Inspector	\$96.00
Administrative	\$60.00

Note. AVCON will not place a mark-up on sub-consultant services for overhead or operating margin.

RESPECTFULLY SUBMITTED:

DATE:

3/29/2011



# ASH ENGINEERING, INC.

4902 EISENHOWER BLVD., SUITE 380  
TAMPA, FLORIDA 33634-6323  
PHONE: 813.290.8899  
FAX: 813.290.8891

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

## ASH ENGINEERING, INC. 2011 PERSONNEL FEE SCHEDULE

	<u>PERSONNEL</u>	<u>HOURLY RATES</u>
	Principal	\$ 195.00
	VP or Division Manager	\$ 180.00
	Group Manager	\$ 170.00
<i>Engineer Track</i>	Project Manager/Sr. Professional Engineer	\$ 155.00
	Project Manager/Professional Engineer	\$ 133.00
	Project Engineer	\$ 100.00
<i>Scientist Track</i>	Project Manager/Sr. Scientist	\$ 122.00
	Sr. Scientist	\$ 95.00
	Project Scientist	\$ 80.00
<i>Technical Track</i>	Project Manager/Sr. Designer	\$ 120.00
	Designer	\$ 93.00
	Design Technician	\$ 82.00
	CADD Technician	\$ 70.00
<i>Field Services</i>	Sr. Field Representative	\$ 85.00
	Construction Inspector	\$ 76.00
	Team Leader	\$ 70.00
	Locator or Technician	\$ 60.00
<i>Administrative</i>	Administrative Assistant or Technical Clerical	\$ 75.00
	Clerical or Aide	\$ 55.00

### Expenses:

Mileage will be invoiced at the rate of \$0.445 per mile.

Subcontractor costs will be billed separately from Ash's hourly rate and will include a 10% mark-up for administrative processing and coordination.

CIVIL ★ WATER & WASTEWATER ★ ENVIRONMENTAL ★ UTILITY ★ CONSTRUCTION  
INDUSTRIAL/PORT ★ SUBSURFACE UTILITY ENGINEERING ★ ECOLOGICAL SCIENCES  
*A certified DBE, WBE and 8(a) firm.*



# TIERRA

March 25, 2011

AVCON, Inc.  
5555 East Michigan Street  
Suite 200  
Orlando, FL 32822

Attn: Mr. Sandeep Singh  
President

**RE: Request for Schedule of Rate Values for  
Engineering Consultant Services for St. Petersburg-Clearwater  
International Airport  
Contract No. 101-0030-CN (AM)  
Pinellas County, Florida  
Tierra Project No.: 6511-11-088**

Mr. Singh:

Thank you for the opportunity to join your team for the General Engineering Consultant Contract for St. Petersburg-Clearwater International Airport.

Please find attached Tierra's fee schedule to be used on the contract. This fee schedule has been used on past Pinellas County contracts since 2009 without escalation of rates.


We trust that this will meet your needs for the Schedule of Rates Values requested by Pinellas County.

Thank you once again for the opportunity to be part of your team.

Please let us know if you have any questions or need further information.

Sincerely,

**TIERRA, INC.**



Larry P. Moore, P.E.  
Principal Geotechnical Engineer

	Unit		Unit Price
<b>FIELD INVESTIGATION</b>			
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

Tierra Project No.: 6511-11-088

Exhibit A- Pinellas County  
TIERRA, INC  
UNIT FEE  
SCHEDULE  
2011

General Engineering Consultant  
St. Petersburg-Clearwater International Airport

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
Lee County Permit	Each	\$	103.00
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

## 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

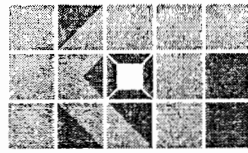
**III. FIELD ENGINEERING AND TECHNICAL SERVICES**

Site Recon./Utility Coordination/Traffic Control Senior Specialist	Hour	\$	101.00
Sr. Engineering Technician	Hour	\$	67.00
Engineering Technician	Hour	\$	57.00

**IIIA. ENGINEERING AND TECHNICAL SERVICES**

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



KTD Inc.

*Design*

KELLY TAAFFE DESIGN

AVCON, INC

Atten: Jerry Conway

3/23/2011

REVISED RATE SCHEDULE 3/31/11

KTD, Inc.'s rates for The PIE GEC contract are as follows:

Principal Interior Designer: \$185.00/hr

Sr. Support Interior Design: \$120.00/hr

Jr. Support Interior Design : \$85.00/hr

CAD support \$75.00/hr.

Administrative Svc.: \$55.00/hr

These rates include regular expenses and mileage.

We're excited to be working with the Avcon team !

Thank you,

Kelly Taaffe Noto,

Pres. Kelly Taaffe Design, Inc. ( KTD, Inc.)



KELLY TAAFFE DESIGN INC. 2639 North Dundee, Tampa, Florida 33629,

CELL: 813-695-5049; Phone: 813.254.4507; Fax: 813.805.2371

Licensed by the State of Florida, Dept. of Architecture and Interior Design Lic.# ID0002289 & IB0001146

Member in good standing: IDSA, ASID ASSOC.

## Exhibit B

### Environmental Science Associates & Subsidiaries 2011 Schedule of Fees

#### I. Personnel Category Rates

Charges will be made at the Category hourly rates set forth below for time spent on project management, consultation or meetings related to the project, field work, report preparation and review, travel time, etc. Time spent on projects in litigation, in depositions and providing expert testimony will be charged at the Category rate times 1.5.

Executive Director	\$255.00
Senior Director II – Engineer	\$245.00
Senior Director II	\$235.00
Senior Director I – Engineer	\$215.00
Senior Director I	\$215.00
Director – Engineer	\$200.00
Director II	\$200.00
Director I	\$185.00
Senior Managing Associate / Technical Assoc. – Engineer	\$175.00
Senior Managing Associate / Technical Associate II	\$175.00
Senior Managing Associate / Technical Associate I	\$170.00
Managing Associate / Technical Associate – Engineer	\$160.00
Managing Associate / Technical Associate II	\$160.00
Managing Associate / Technical Associate I	\$150.00
Senior Associate II – Engineer	\$145.00
Senior Associate II	\$135.00
Hydrologist II	\$125.00
Hydrologist I	\$115.00
Senior Associate I	\$125.00
Associate III	\$110.00
Hydrographer	\$105.00
Senior Administrative / Graphics	\$105.00
Associate II	\$100.00
Associate I	\$90.00
Environmental Tech II	\$80.00
Environmental Tech I	\$70.00
Administrative / Graphics	\$85.00
Clerical	\$70.00

- (a) From time to time, ESA retains outside professional and technical labor on a temporary basis to meet peak workload demands. Such contract labor may be charged at regular Employee Category rates.
- (b) ESA reserves the right to revise the Personnel Category Rates annually to reflect changes in its operating costs.



## **II. ESA Expenses**

### **A. Travel Expenses**

#### **1. Transportation**

- a. Company or personal vehicle – Current state mileage reimbursement rate

ARCHITECTURAL  
HOURLY RATE SCHEDULE

Executive	\$ 295.00
Partner	\$ 260.00
Principal	\$ 210.00
Project Director / Manager	\$ 165.00
Senior Project Architect	\$ 140.00
Project Architect	\$ 120.00
Architect	\$ 115.00
CADD Operator	\$ 110.00
Specification Writer	\$ 115.00
Job Site Inspector	\$ 120.00
Clerical	\$ 60.00

Reimbursable mileage expenses are in addition to compensation for Basic and Additional Services and include expenses incurred by the Architect and Architect's employees and are identified as follows:

Transportation/Mileage (0.445 per mile)



**GEORGE F. YOUNG, INC.**  
**AVCON Fee Schedule**  
**April 1, 2011**

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

**PROFESSIONAL STAFF**

**ARCHITECTURE**

Principal Architect	\$ 145.00
Architect III	\$ 130.00
Architect II	\$ 110.00
Architect I	\$ 95.00

**LANDSCAPE ARCHITECTURE**

Principal Landscape Arch	\$ 145.00
Landscape Arch III	\$ 105.00
Landscape Arch II	\$ 100.00
Landscape Arch I	\$ 85.00

**SURVEY**

Principal Surveyor	\$ 145.00
Surveyor III	\$ 130.00
Surveyor II	\$ 110.00
Surveyor I	\$ 95.00

**ENGINEERING**

Principal Engineer	\$ 155.00
Engineer III	\$ 140.00
Engineer II	\$ 120.00
Engineer I	\$ 100.00

**PLANNING**

Principal Planner	\$ 145.00
Planner III	\$ 130.00
Planner II	\$ 110.00
Planner I	\$ 95.00

**ENVIRONMENTAL**

Principal Ecologist	\$ 125.00
Senior Ecologist	\$ 110.00
Ecologist	\$ 80.00
Environmental Scientist	\$ 80.00
Permit Coordinator	\$ 70.00

**TECHNICAL STAFF**

Designer III	\$ 100.00
Designer II	\$ 85.00
Designer I	\$ 75.00

Technician III	\$ 80.00
Technician II	\$ 70.00
Technician I	\$ 60.00

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 within a fifty (50) mile radius of office and basic equipment. Rates do NOT include special survey instruments and equipment, or hydrographic equipment. See Sheet 2 for equipment rates.

**SUBSURFACE UTILITY DESIGNATION/LOCATION**

Location Vac Truck and Crew	\$1,850.00	Per Day	Utility Manager III	\$ 125.00
2 Person Designation Truck and Crew	\$1,385.00	Per Day	Utility Manager II	\$ 100.00
3 Person Designation Truck and Crew	\$1,675.00	Per Day	Utility Manager I	\$ 75.00
Ground Penetrating Radar with Operator	\$1,475.00	Per Day	SUE Lead Locator	\$ 70.00
Mobilization/Demobilization	\$ 300.00	Per Day	SUE Locator Tech	\$ 50.00
Maintenance of Traffic (MOT)	\$ 400.00	Average Charge Per Setup		

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

**LEGAL ASSISTANCE**

**Preparation for Sworn Testimony**

Professional Planner, Engineer, or Architect	\$ 200.00
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 Planner, Engineer, or Architect	\$ 250.00
Professional Surveyor and Mapper	\$ 250.00



**GEORGE F. YOUNG, INC.**  
**AVCON Fee Schedule**  
**April 1, 2011**

**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

Out-of-pocket expenses at cost, including fees and permits. Subconsultants at cost. Mileage charged at the \$0.445 per mile.



**EXHIBIT A**

**ST. PETERSBURG-CLEARWATER INTERNATIONAL AIRPORT  
ENGINEERING CONSULTING SERVICES**

**CARDNO TBE TEAM RATE SCHEDULES**

<b>Section</b>	<b>Description</b>	<b>Page</b>
Exhibit "A-1"	Cardno TBE .....	2
Exhibit "A-2"	Hanson Professional Services .....	3
Exhibit "A-3"	Howard & Assoc. Architects/ Faith Group, LLC .....	4
Exhibit "A-4"	Michael G. Moroney & Assoc./Intervistas .....	5
Exhibit "A-5"	Nodarse & Associates .....	6

EXHIBIT "A-1"



**2011 RATE SCHEDULE**  
St. Petersburg – Clearwater International Airport  
Engineering Consulting Services

CLASSIFICATION	RATE
BROWNFIELDS SPECIALIST	\$120
CLERICAL	\$70
DESIGNER	\$110
ECONOMIST/DEMOGRAPHER	\$180
ENVIRONMENTAL SCIENTIST/GEOLOGIST	\$90
FIELD TECHNICIAN	\$85
GIS SPECIALIST	\$125
LANDSCAPE ARCHITECT	\$130
PLANNER	\$110
PRINCIPAL	\$240
PROJECT DIRECTOR	\$190
PROJECT ENGINEER / ENGINEER INTERN	\$120
PROJECT MANAGER	\$150
SENIOR ENGINEER/ HYDROGEOLOGIST/ECOLOGIST	\$160
SENIOR ENVIRONMENTAL TECHNICIAN	\$105
SENIOR PLANNER	\$130
SENIOR PROJECT MANAGER/AVIATION MANAGER	\$180

For Expert Witness Testimony and related services, a surcharge of 50 percent will apply.

Cardno TBE: 380 Park Place Blvd., Ste. 300, Clearwater, FL 33759

## **EXHIBIT "A-2"**

### **SCHEDULE OF SUBCONSULTANT RATE VALUES**

#### **AIRSIDE AVIATION SUPPORT**

#### **HANSON PROFESSIONAL SERVICES**

<b>CLASSIFICATION</b>	<b>RATE</b>
AVIATION ENGINEER I/II	\$75
AVIATION ENGINEER III	\$90
AVIATION ENGINEER IV	\$100
AVIATION ENGINEER V	\$120
AVIATION ENGINEER VI	\$135
AVIATION DESIGNER I, II & III	\$90
AVIATION TECHNICIAN I	\$55
AVIATION TECHNICIAN II	\$65
AVIATION TECHNICIAN III	\$85
AVIATION TECHNICIAN IV	\$90
AVIATION PLANNER I/II/III	\$85
SENIOR AVIATION PLANNER IV/V	\$135
AVIATION RESIDENTIAL PROJECT REPRESENTATIVE	\$95

## EXHIBIT "A-3"

### SCHEDULE OF SUBCONSULTANT RATE VALUES

#### PROFESSIONAL ARCHITECTURAL SUPPORT HOWARD AND ASSOCIATES, ARCHITECTS, P.A.

CLASSIFICATION	RATE
PROFESSIONAL ARCHITECT	\$170
PROJECT MANAGER - ARCHITECTURAL	\$105
INTERN ARCHITECT	\$65
SENIOR ARCHITECTURAL DESIGNER	\$80
SENIOR ARCHITECTURAL DRAFTER	\$65
ARCHITECTURAL DRAFTER	\$55

#### AIRPORT SECURITY DESIGN FAITH GROUP, LLC

CLASSIFICATION	RATE
SECURITY PROJECT MANAGER	\$165
SR. ENGINEER (SECURITY)	\$155
SR. DESIGNER (SECURITY)	\$140
ENGINEER (SECURITY)	\$135
CAD	\$75



**EXHIBIT “A-4”**

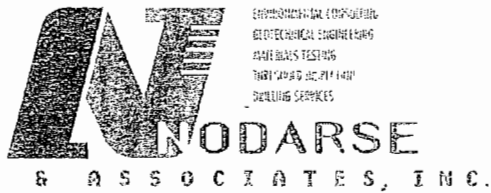
**SCHEDULE OF SUBCONSULTANT RATE VALUES**

**AVIATION PLANNING & FINANCIAL ANALYSIS**  
**MICHAEL G. MORONEY & ASSOCIATES, INC.**

<b>CLASSIFICATION</b>	<b>RATE</b>
FINANCIAL ANALYST	\$175

**AIR SERVICE STUDIES**  
**INTERVISTAS**

<b>CLASSIFICATION</b>	<b>RATE</b>
AIR SERVICE STUDIES	\$210
AIR SERVICE DEVELOPMENT	\$210
MODELING AND FORECASTING	\$140

**FEE SCHEDULE**

**Pinellas County - Engineering Consultant Services for St. Petersburg/Clearwater International Airport  
Geotechnical Services**

<b>I. LABORATORY SERVICES</b>			
a. Natural Moisture Content	\$	15.00	Each
b. Grain Size Analysis			
1. Full Gradation	\$	75.00	Each
2. Single Sieve	\$	50.00	Each
3. Hydrometer with Full Grain Size	\$	175.00	Each
c. Organic Content	\$	40.00	Each
d. Atterberg Limits Tests	\$	80.00	Each
<b>II. DRILLING AND FIELD SERVICES</b>			
a. Mini Track Rig Mobilization	\$	350.00	Per Event
b. Truck Mounted Drill Rig Mobilization	\$	350.00	Per Event
Mobilization of Barge and Drill Rig	Priced upon Request		
c. Standard Penetration Test Borings			
1. 0 - 50 feet	\$	12.00	Per Foot
2. 50 - 100 feet	\$	14.00	Per Foot
d. Grout Seal Borings			
1. 0 - 50 feet	\$	4.00	Per Foot
2. 50 - 100 feet	\$	5.00	Per Foot
e. Casing Allowance (3 inch)			
1. 0 - 50 feet	\$	6.00	Per Foot
2. 50 - 100 feet	\$	9.00	Per Foot
f. Auger Borings	\$	9.00	Per Foot
g. Clearing/Difficult Access	\$	150.00	Per Hour
h. Thin-Walled Tube Samples			
1. 0 - 50 feet	\$	150.00	Per Foot
2. 50 - 100 feet	\$	200.00	Per Foot
i. Extra Split Spoon Samples			
1. 0 - 50 feet	\$	25.00	Each
2. 50 - 100 feet	\$	28.00	Each
j. Double Ring infiltration Tests (DRIT) (Max Depth 3 Feet)	\$	400.00	Each

GAINESVILLE  
TALLAHASSEE

JACKSONVILLE  
TAMPA

LAKELAND  
WEST PALM BEACH

MIAMI  
WINTER PARK

ORMOND BEACH  
WINTER PARK

**BUILD ON OUR EXPERIENCE**

501 E. TYLER STREET, TAMPA, FLORIDA 33602  
P: 813-221-0050 | F: 800-457-4745 | F: 813-221-0051  
WWW.NODARSE.COM



## EXHIBIT A

### ST. PETERSBURG-CLEARWATER INTERNATIONAL AIRPORT ENGINEERING CONSULTING SERVICES

#### CARDNO TBE TEAM RATE SCHEDULES

Section	Description	Page
Exhibit "A-1"	Cardno TBE .....	2
Exhibit "A-2"	Hanson Professional Services .....	3
Exhibit "A-3"	Howard & Assoc. Architects/ Faith Group, LLC .....	4
Exhibit "A-4"	Michael G. Moroney & Assoc./Intervistas .....	5
Exhibit "A-5"	Nodarse & Associates .....	6

EXHIBIT "A-1"



**2011 RATE SCHEDULE**  
St. Petersburg – Clearwater International Airport  
Engineering Consulting Services

CLASSIFICATION	RATE
BROWNFIELDS SPECIALIST	\$120
CLERICAL	\$70
DESIGNER	\$110
ECONOMIST/DEMOGRAPHER	\$180
ENVIRONMENTAL SCIENTIST/GEOLOGIST	\$90
FIELD TECHNICIAN	\$85
GIS SPECIALIST	\$125
LANDSCAPE ARCHITECT	\$130
PLANNER	\$110
PRINCIPAL	\$240
PROJECT DIRECTOR	\$190
PROJECT ENGINEER / ENGINEER INTERN	\$120
PROJECT MANAGER	\$150
SENIOR ENGINEER/ HYDROGEOLOGIST/ECOLOGIST	\$160
SENIOR ENVIRONMENTAL TECHNICIAN	\$105
SENIOR PLANNER	\$130
SENIOR PROJECT MANAGER/AVIATION MANAGER	\$180

For Expert Witness Testimony and related services, a surcharge of 50 percent will apply.

Cardno TBE: 380 Park Place Blvd., Ste. 300, Clearwater, FL 33759

## **EXHIBIT “A-2”**

### **SCHEDULE OF SUBCONSULTANT RATE VALUES**

#### **AIRSIDE AVIATION SUPPORT**

#### **HANSON PROFESSIONAL SERVICES**

<b>CLASSIFICATION</b>	<b>RATE</b>
AVIATION ENGINEER I/II	\$75
AVIATION ENGINEER III	\$90
AVIATION ENGINEER IV	\$100
AVIATION ENGINEER V	\$120
AVIATION ENGINEER VI	\$135
AVIATION DESIGNER I, II & III	\$90
AVIATION TECHNICIAN I	\$55
AVIATION TECHNICIAN II	\$65
AVIATION TECHNICIAN III	\$85
AVIATION TECHNICIAN IV	\$90
AVIATION PLANNER I/II/III	\$85
SENIOR AVIATION PLANNER IV/V	\$135
AVIATION RESIDENTIAL PROJECT REPRESENTATIVE	\$95

**EXHIBIT A**  
**SCHEDULE OF RATE VALUES**  
**ENGINEERING CONSULTANT SERVICES FOR**  
**ST. PETERSBURG-CLEARWATER INTERNATIONAL AIRPORT**



The following hourly rates include direct and indirect costs except direct expenses. 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, workmen's compensation, health and retirement benefits,

Hourly rates in effect on the date of the Agreement are:

<u>Classification</u>	<u>Rates</u>
Project Principal	\$ 225.00
Group Manager	\$ 190.00
Sr. Project Manager	\$ 175.00
Project Manager	\$ 155.00
Sr. Eng/Arch/Planner IV	\$ 190.00
Sr. Eng/Arch/Planner III	\$ 155.00
Sr. Eng/Arch/Planner II	\$ 125.00
Sr. Eng/Arch/Planner I	\$ 110.00
Eng/Arch/Planner II	\$ 90.00
Eng/Arch/Planner I	\$ 80.00
Sr. Designer/CAD Technician	\$ 100.00
Designer/CAD Technician	\$ 75.00
Sr. Scientist III	\$ 120.00
Sr. Scientist II	\$ 110.00
Sr. Scientist I	\$ 90.00
Scientist II	\$ 70.00
Scientist I	\$ 60.00
Technician	\$ 40.00
Sr. Construction Management Rep. (Airside)	\$ 100.00
Construction Management Rep. (Landside)	\$ 90.00
Sr. Surveyor II	\$ 132.00
Sr. Surveyor I	\$ 120.00
Field Coordinator	\$ 95.00
2-man Crew (Equipment included)	\$ 120.00
3-man Crew (Equipment included)	\$ 160.00
4-man Crew (Equipment included)	\$ 190.00
Survey CADD Technician	\$ 70.00
Clerical/Administrative	\$ 70.00

Rates for expert testimony, subject matter experts and specialty disciplines not covered by the above rates will be negotiated per task.

# LOCHNER

H.W. Lochner, Inc.  
13577 Feather Sound Drive  
Suite 600  
Clearwater FL 33762

T 727.572.7111  
F 727.571.3371

hwlochner.com

## Exhibit A

Date: March 30, 2011 (revised April 5, 2011)

Loaded Hourly Salary Rates

Period of Service: March 30, 2011 thru March 30, 2013

Pinellas County

Engineering Consultant Services for St. Petersburg-Clearwater International Airport

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### H.W. Lochner, Inc. (Prime Consultant)

Project Manager	\$190.00
Chief Engineer	\$195.00
Senior Engineer	\$145.00
Project Engineer	\$119.00
Engineer	\$110.00
Designer	\$88.00
Technician	\$66.00
Senior Planner	\$136.00
Planner	\$100.00
Planning Intern	\$52.00
Senior Architect	\$137.00
Architect	\$99.00
Architectural Intern	\$72.00
Certified Bridge Inspector	\$105.00
Chief Environ. Scientist	\$141.00
Environ. Scientist	\$73.00
Environ. Planner	\$82.00
Senior Utility Coordinator	\$120.00
Clerical	\$58.00

### **Sub-Consultants:**

#### L.A. Design, Inc.

Senior Landscape Architect	\$120.00
Chief Scientist	\$120.00
Landscape Architect	\$80.00
Senior Cadd Tech	\$65.00

**MMM Group Ltd.**

Project Director	\$240.00
Senior Project Manager	\$180.00
Project Manager	\$150.00
Senior Project Engineer	\$130.00
Project Engineer	\$110.00
Designer/Technician	\$90.00
Cadd	\$80.00

**TLC Engineering for Architecture, Inc.**

Director	\$195.00
Senior Engineer, Manager	\$165.00
Project Engineer, Manager	\$135.00
Engineer, Specialist	\$105.00
Grad. Engin., Dsnr, Admin	\$85.00
Technician, Secretary, Intern	\$60.00

**Cumbey and Fair, Inc.**

Project Manager	\$155.00
Chief Engineer	\$180.00
Senior Engineer	\$145.00
Project Engineer	\$120.00
Engineer	\$105.00
Designer	\$100.00
Senior Engineering Tech	\$80.00
Engineering Technician	\$65.00
Inspector	\$65.00
Secretary/Clerical	\$56.50
Senior Surveyor & Mapper	\$140.00
Surveyor & Mapper	\$110.00
Survey Technician	\$78.50
Senior Utility Coordinator	\$120.00
Utility Coordinator	\$110.00
Utility Locator	\$60.00
Utility Technician	\$50.00
Field Crew Supervisor	\$95.00
Party Chief	\$62.00
Instrument Man	\$43.00
Rod Man/Chain Man	\$33.50

**KB Environmental Sciences, Inc.**

Chief Scientist	\$123.35
Senior Scientist	\$67.67
Scientist	\$50.39
Technician Aid	\$37.44



**HOK, Architects, Inc.**

Principal	\$255.00
Architect	\$110.00
Project Manager	\$170.00
Construction Administrator	\$130.00
Senior Designer	\$110.00
Junior Designer	\$85.00
Clerical	\$85.00

**SDI Environmental Services, Inc.**

Chief Scientist	\$157.00
Project Manager	\$154.00
Senior Scientist	\$118.00
Scientist	\$75.00
GIS Specialist	\$62.00
Secretary/Clerical	\$57.00

**Shaw Environmental & Infrastructure, Inc.**

Program Manager or Principal	\$200.00
Chief Engineer	\$195.00
Project Manager	\$180.00
Sr. Engineer	\$160.00
Engineer	\$100.00
Engineer Intern	\$90.00
Sr. Environmental Scientist	\$125.00
Environmental Scientist	\$89.00
Sr. Geologist	\$165.00
Geologist	\$115.00
Coastal Geologist	\$175.00
Sr. Scientist	\$165.00
Scientist	\$95.00
Sr. Designer	\$105.00
Designer	\$82.00
Technician	\$62.00
Sr. Planner	\$150.00
Planner	\$90.00
Public Involvement Specialist	\$88.00
Site Superintendent (Field)	\$152.00
Foreman (Field)	\$80.00
Equipment Operator (Field)	\$67.00
Laborer (Field)	\$55.00
Administration	\$58.00
Student Intern	\$45.00

**Photo Sciences, Inc.**

GIS and Software Development Staff			
\$	65.07	GIS Technician	Hourly
\$	80.38	GIS Analyst	Hourly
\$	95.10	GIS Analyst - Senior	Hourly
\$	115.12	GIS Supervisor	Hourly
\$	130.13	Applications Developer	Hourly
\$	100.10	Database Designer	Hourly
\$	140.14	Application Supervisor	Hourly
\$	100.10	Business Analyst	Hourly

Flight Crew			
\$	42.15	Pilot (Single Engine)	Hourly
\$	57.57	Pilot (Twin Engine)	Hourly
\$	95.07	Pilot (Turbo Commander)	Hourly
\$	82.50	Pilot (rotary wing)	Hourly
\$	54.89	Sensor Operator (in flight)	Hourly
\$	113.30	Sensor Operator (in flight) Airborne Bathymetry LIDAR	

Orthophoto Production			
\$	125.13	FAAT Technician	Hourly
\$	75.08	Imagery Analyst	Hourly
\$	100.10	Imagery Supervisor	Hourly
\$	65.07	Photo Lab Technician	Hourly
\$	100.10	Photogrammetrist	Hourly
\$	125.13	Photogrammetry Supervisor (CPI)	Hourly
\$	70.07	Photogrammetry Technician	Hourly

**IF Rooks & Associates, Inc.**

I F. Brooks & Associates, Inc. -2011 PINELLAS COUNTY GEC				
A. Schedule of Unit Price Fees for Aerial Photography				
1	Flying hours from take-off to landing	Fixed Wing	\$600.00	per hour
	Low Altitude Flight Time (2 hour minimum)	Helicopter	\$1,500.00	per hour
* including aircraft & equipment, flying hours that are to re-work repeated aerial photography will not be charged.				
1	Black & white, natural color, color infrared aerial film processing, annotating, including one (1) contact print per exposure			
		Black & White	Color	Color IR
	1 to 50 exposures	\$12.00	\$17.00	\$17.00
	51 to 70 exposures	\$11.00	\$15.00	\$15.00
	71 to 100 exposures	\$10.00	\$14.00	\$14.00
	101 to 125 exposures	\$9.00	\$13.00	\$13.00
	126 to 150 exposures	\$8.00	\$12.00	\$12.00
	151 to 200 exposures	\$7.00	\$10.00	\$10.00
	201 up to full roll (250 rolls)	\$7.00	\$10.00	\$10.00
	Additional paper contact prints, as required			
	Contact Prints 1 each print	\$12.00	\$17.00	\$17.00
	Contact Prints for more than 1 print	\$9.00	\$11.00	\$11.00
1	Black & White Diapositive		\$12.00 each	
1	Color Diapositives		\$17.00 each	
	4" x 4"		\$9.00	per CD
	5" x 7"		\$17.00	per DVD

6.	Personal Classifications (Loaded Rates)			
	Project Manager, PSM		\$104.46	Per Hour
	Sr. Surveyor & Mapper		\$79.14	Per Hour
	CADD/Editor		\$65.17	Per Hour
	Ortho Analyst		\$57.41	Per Hour
	Lab Processor		\$47.76	Per Hour
	The rates listed above are the customary fees charged to both government and private industry			
	*All rates are loaded			
			03/23/11	
			Date	

**Tierra, Inc.**

March 25, 2011

H.W. Lochner, Inc.  
13577 Feather Sound Dr.  
Suite 600  
Clearwater, FL 33762

Attn: Mr. Dwayne Kile  
Vice President

**RE: Request for Schedule of Rate Values for  
Engineering Consultant Services for St. Petersburg-Clearwater  
International Airport  
Contract No. 101-0030-CN (AM)  
Pinellas County, Florida  
Tierra Project No.: 6511-11-088**

Mr. Kile

Thank you for the opportunity to join your team for the General Engineering Consultant Contract for St. Petersburg-Clearwater International Airport.

Please find attached Tierra's fee schedule to be used on the contract. This fee schedule has been used on past Pinellas County contracts since 2009 without escalation of rates.

We trust that this will meet your needs for the Schedule of Rates Values requested by Pinellas County.

Thank you once again for the opportunity to be part of your team.

Please let us know if you have any questions or need further information.

Sincerely,

**TIERRA, INC.**

Larry P. Moore, P.E.  
Principal Geotechnical Engineer

Tierra Project No.: 6511-11-088

Exhibit A- Pinellas County  
TIERRA, INC  
UNIT FEE  
SCHEDULE  
2011

General Engineering Consultant  
St. Petersburg-Clearwater International Airport

	Unit		Unit Price
I. FIELD INVESTIGATION			
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	\$	7139.00
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

Tierra Project No.: 6511-11-088

Exhibit A- Pinellas County  
TIERRA, INC  
UNIT FEE  
SCHEDULE  
2011

General Engineering Consultant  
St. Petersburg-Clearwater International Airport

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.	\$	18.00
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 deep	L.F.	\$	57.00

Tierra Project No.: 6511-11-088

Exhibit A- Pinellas County

General Engineering Consultant

TIERRA, INC

St. Petersburg-Clearwater International Airport

UNIT FEE

SCHEDULE

2011

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	\$	154.00
2-inch Piezometer Installation	L.F.	\$	42.00
Standby/Decontamination (Drill Rig & Crew)	Hour	\$	195.00
Lee County Permit	Each	\$	103.00
Double Ring Infiltration Test	Test	\$	437.00
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

Page 3 of 5



Tierra Project No.: 5511-11-063

Exhibit A- Pinellas County  
TIERRA, INC  
UNIT FEE  
SCHEDULE  
2011

General Engineering Consultant  
St. Petersburg-Clearwater International Airport

**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	\$	106.00
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

Tierra Project No.: 6511-11-088

Exhibit A- Pinellas County  
TIERRA, INC  
UNIT FEE  
SCHEDULE  
2011

General Engineering Consultant  
St. Petersburg-Clearwater International Airport

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