

BOARD OF COUNTY COMMISSIONERS

DATE: January 11, 2011

AGENDA ITEM NO. 17

Consent Agenda ☐

Regular Agenda ☒

Public Hearing ☐

County Administrator's Signature:

Subject:

Approval of Final Agreements - Roadways, Drainage, Structural, Civil and Traffic Engineering Consulting Services
Contract No. 090-0348-CN(AM)

Department:

Public Works / Purchasing

Staff Member Responsible:

Pete Yauch / Joe Lauro

Recommended Action:

I RECOMMEND THE BOARD OF COUNTY COMMISSIONERS (BOARD) APPROVE THE FINAL NEGOTIATED AGREEMENTS WITH EACH OF THE TOP RANKED FIRMS FOR ROADWAYS, DRAINAGE, STRUCTURAL, CIVIL AND TRAFFIC ENGINEERING CONSULTING SERVICES ON A CONTINUING BASIS AS OUTLINED IN THE REQUEST FOR PROPOSAL.

IT IS FURTHER RECOMMENDED THE CHAIRMAN BE AUTHORIZED TO SIGN THE AGREEMENTS AND THE CLERK AUTHORIZED TO ATTEST.

1. TBE GROUP, INC. DBA / CARDNO TBE, CLEARWATER, FLORIDA
2. URS CORPORATION SOUTHERN D/B/A URS, TAMPA, FLORIDA
3. CUMBEY AND FAIR, INC., CLEARWATER, FLORIDA
4. ENGINEERING & APPLIED SCIENCE, INC., TAMPA, FLORIDA
5. POST, BUCKLEY, SCHUH & JERNIGAN, TAMPA, FLORIDA
6. KISSINGER CAMPO AND ASSOCIATES, CORPORATION, TAMPA, FLORIDA
7. H. W. LOCHNER, INC., TAMPA, FLORIDA
8. THE HEIMBURG GROUP, INC., TAMPA, FLORIDA
9. VOLKERT, INC., TAMPA, FLORIDA
10. ICON CONSULTANT GROUP, INC., TAMPA, FLORIDA
11. JONES EDMUNDS & ASSOCIATES, INC., TAMPA, FLORIDA
12. HDR ENGINEERING, INC., TAMPA, FLORIDA
13. WADE TRIM, INC., TAMPA, FLORIDA
14. AYRES ASSOCIATES INC., TAMPA, FLORIDA
15. E.C. DRIVER & ASSOCIATES, INC., TAMPA, FLORIDA
16. KCI TECHNOLOGIES, INC., TAMPA, FLORIDA
17. FALLER, DAVIS & ASSOCIATES, INC., TAMPA, FLORIDA
18. GEORGE F. YOUNG, INC., ST. PETERSBURG, FLORIDA
19. BAYSIDE ENGINEERING, INC., TAMPA, FLORIDA
20. HALCROW, INC., TAMPA, FLORIDA
21. REYNOLDS, SMITH, AND HILLS, INC., TAMPA, FLORIDA
22. HNTB, CORPORATION, TAMPA, FLORIDA
23. LOCKWOOD, ANDREWS AND NEWMAN, INC., TAMPA, FLORIDA
24. FLORIDA DESIGN CONSULTANTS, INC., NEW PORT RICHEY, FLORIDA
25. DYER, RIDDLE, MILLS AND PRECOURT, INC., TAMPA, FLORIDA
26. KING ENGINEERING ASSOCIATES, INC., TAMPA, FLORIDA
27. HAMILTON ENGINEERING & SURVEYING INC., TAMPA, FLORIDA

Summary Explanation/Background:

On October 26, 2010, the Board approved the ranking of firms pertaining to a continuing contract for roadways, drainage, structural, civil and traffic engineering consulting services and authorized staff to negotiate final contracts with the twenty-seven (27) highest ranked firms. The recommendation is for the thirteen (13) highest ranked firms to qualify for final selection to perform services for specific projects as presented in the Request For Proposal (RFP) and for the remaining fourteen (14) firms to qualify for final selection to perform smaller non-specific engagements not exceeding \$200,000.00. The upset limit over the twenty four (24) month term of the contract for the thirteen (13) highest ranked proposers is \$1,000,000.00 and for the fourteen (14) remaining firms is \$200,000.00 for a total of \$15,800,000.00. It is expected that once the design phase pertaining to the projects associated with this contract are complete, the upset limit for term extensions will be less.

While this specific continuing CCNA contract was initiated by the Public Works Department, it may be utilized by all departments and agencies including but not limited to the Real Estate Management Department and the Clearwater St. Petersburg International Airport.

A final agreement with each of the twenty-seven (27) firms has been negotiated by Public Works and Purchasing staff and is presented to the Board for consideration. All of the firms provided fully loaded rates at or below base rates as established by the Florida Department of Transportation which are utilized state wide as a benchmark. Comparing the twelve firms awarded a portion of the previous roadway, drainage, structural, civil and traffic engineering services contract (3 years ago), average rates are at or below the average of rates negotiated three years ago.

The contract will be effective upon execution of the agreements and continue for a period of 2 years for the initial contract period. Thereafter the contract may be extended for three (3) twelve (12) month periods beyond the initial contract period pending approval by the County Administrator. The rates are fixed during the first two year contract term; however, the County reserves the right to re-negotiate rates at any time based on market conditions during the term of the contract and at contract extension.

Since this contract is comprised of twenty seven individual agreements each with approximately twenty (20) pages, staff thought it more prudent 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 total estimated aggregate value of this contract is in an amount not to exceed forty million (\$40 million) dollars for the potential five year term of the agreements with twenty seven (27) firms. The County Administrator has delegated authority to increase the upset limits of contract purchase orders associated with these agreements as long as the negotiated rates remain the same.

Exhibits/Attachments Attached:

Scope of Work of Specific Projects
Sample of Final Agreement
Negotiated rates of consultants and sub-consultants

SECTION E –SCOPE OF WORK

2. Works of a specified nature to be performed by the successful contractor(s) during the course of the contract are detailed below:

a. Cross Bayou Channel 2 - Rena Dr

Improvements to Cross Bayou Channel 2 from 66th Street North to Pinecrest Subdivision excluding Ulmerton Road crossing. The scope of work required for this effort includes hydraulic/hydrologic modeling, drainage design, permitting from environmental agencies, preparation of plans and technical specifications for construction purposes.

b. Regional Stormwater Quality for Total Maximum Daily Load (TMDL) Implementation

These projects will include the necessary tasks to complete project planning and conceptual design; environmental data collection; civil, structural, and geotechnical engineering services including geotechnical data collection and 30, 60, 90, and 100 design; survey; and environmental permitting to construct regional stormwater treatment for large areas, to meet state mandated (TMDL) and National Pollutant Discharge Elimination System (NPDES) regulations, and meet current water quality treatment requirements for stormwater discharge.

c. Starkey Basin Watershed Management Plan

This project includes professional engineering, biological, environmental and planning services in developing a Watershed Management Plan (PLAN) for the Starkey Basin Watershed. The PLAN will recommend specific implementation strategies to address and improve drainage, water quality (TMDLs), natural habitats, and recreational opportunities within the project boundaries. The PLAN will be developed in accordance with the Southwest Florida Water Management Districts Guidelines and Specifications and Pinellas County specifications as appropriate and may include the following tasks (1) Digital Topographic Information, (2) Watershed Evaluation, (3) Watershed Management Plan, (4) Implementation of Best Management Practices (BMPs), and (5) Watershed Management Plan Database Maintenance and Watershed Model Updates.

d. Watershed Planning for TMDL Compliance

This project includes professional engineering, biological, environmental and planning services in developing Watershed Management Plans or water quality studies to assess state and/or federally designated TMDL water bodies. Plans will recommend specific implementation strategies to address and improve drainage, water quality (TMDLs), natural habitats, and recreational opportunities within the project boundaries. Plans will be developed in accordance with the Southwest Florida Water Management Districts Guidelines and Specifications and Pinellas County specifications as appropriate and may include the following tasks (1) Digital Topographic Information, (2) Watershed Evaluation, (3) Watershed Management Plan, (4) Implementation of Best Management Practices (BMPs), and (5) Watershed Management Plan Database Maintenance and Watershed Model Updates. Water quality studies will include all necessary diagnostic work to determine the source of pollution causing TMDL impairment and will include recommendations for improving water quality. Potential separate projects to include Allen's Creek and McKay Creek.

SECTION E –SCOPE OF WORK

e. Dunedin Bridge Repairs

Professional services for interim repair of Dunedin Bridge. The scope of work required for this effort includes structural inspection of bridge, structural analysis, cost analysis of options with corresponding effect on bridge life expectancy, permitting, preparation of plans and technical specifications for construction purposes.

f. 102nd Avenue from 137th Street to Seminole Boulevard Improvements

Mill and resurface roadway and include safety enhancements such as sidewalk and minor intersection improvements. The scope of work required for this effort includes traffic analysis to determine needs for intersection improvements, geotechnical evaluations, mast arm design, evaluation of alternative improvements and preparation of associated cost estimates, permitting, ADA evaluation of existing sidewalk and curb ramps, and preparation of plans and technical specifications for construction purposes.

g. South Belcher Road ATMS

Design and installation of ATMS/ITS on Belcher Road south of Druid Road. The scope of work required for this effort consists of the design of ATMS/ITS systems to include fiber optic lines controllers, cctv cameras, repeaters, DMS, geotechnical evaluations for DMS foundations and poles, preparation of cost estimates, and preparation of plans and technical specifications for construction purposes.

h. Gulf Boulevard Connections ATMS

Design and installation of ATMS/ITS on Gulf Boulevard at intersections of evacuation routes. The scope of work required for this effort consists of the design of ATMS/ITS systems to include fiber optic lines controllers, cctv cameras, repeaters, DMS, geotechnical evaluations for DMS foundations and poles, preparation of cost estimates, and preparation of plans and technical specifications for construction purposes.

i. Belcher Road/Belleair Road Intersection Improvements

Reconstruction of the intersection to improve safety and traffic flow. The scope of work required for this effort includes traffic analysis to determine needs for intersection improvements, geotechnical evaluations, mast arm design, evaluation of alternative improvements and preparation of associated cost estimates, permitting, utility coordination, ADA evaluation of existing sidewalk and curb ramps, and preparation of plans and technical specifications for construction purposes.

j. Belcher Road/Gulf to Bay Boulevard Intersection Improvements

Reconstruction of the intersection to improve safety, capacity and traffic flow. The scope of work required for this effort includes traffic analysis to determine needs for intersection improvements, geotechnical evaluations, mast arm design, evaluation of alternative improvements and preparation of associated cost estimates, permitting, utility coordination, ADA evaluation of existing sidewalk and curb ramps, and preparation of plans and technical specifications for construction purposes.

SECTION E –SCOPE OF WORK**k. Sunset Point Road from Alt. 19 to Keene Road Improvements**

Mill and resurface roadway and include safety enhancements such as sidewalk and minor intersection improvements. The scope of work required for this effort includes traffic analysis to determine needs for intersection improvements, geotechnical evaluations, evaluation of alternative improvements and preparation of associated cost estimates, permitting, utility coordination, ADA evaluation of existing sidewalk and curb ramps, and preparation of plans and technical specifications for construction purposes.

l. 22nd Avenue South from 58th Street to 34th Street Improvements

Mill and resurface roadway and include safety enhancements such as sidewalk and minor intersection improvements. The scope of work required for this effort includes traffic analysis to determine needs for intersection improvements, geotechnical evaluations, mast arm design, evaluation of alternative improvements and preparation of associated cost estimates, permitting, utility coordination, ADA evaluation of existing sidewalk and curb ramps, and preparation of plans and technical specifications for construction purposes.

m. Starkey Road from Ulmerton Road to East Bay Drive Improvements

Reconstruction of Starkey Road to improve capacity, safety and traffic flow. The scope of work required for this effort includes evaluation of completed preliminary engineering report, current traffic analysis to determine needs for intersection improvements, geotechnical evaluations, mast arm design, preparation of cost estimates, permitting, utility coordination, and preparation of plans and technical specifications for construction purposes.

n. Starkey Road from Bryan Dairy Road to Ulmerton Road Improvements

Reconstruction of Starkey Road to improve capacity, safety and traffic flow. The scope of work required for this effort includes evaluation of completed preliminary engineering report, current traffic analysis to determine needs for intersection improvements, geotechnical evaluations, mast arm design, preparation of cost estimates, permitting, utility coordination, and preparation of plans and technical specifications for construction purposes.

PROFESSIONAL SERVICES CONTINUING SERVICES AGREEMENT

TABLE OF CONTENTS

AGREEMENT 1

SECTION 1 INTENT OF AGREEMENT	1
SECTION 2 GENERAL CONDITIONS AND PROFESSIONAL REQUIREMENTS	2
2.1 DESCRIPTION OF OVERALL REQUIRED SERVICES	2
2.2 ASSIGNMENT OF WORK.....	2
2.3 CONSULTING RESPONSIBILITIES	2
2.4 GOVERNING SPECIFICATIONS, REGULATIONS AND PERTINENT DOCUMENTS	3
2.5 KEY PERSONNEL	3
2.6 QUALITY ASSURANCE/QUALITY CONTROL.....	3
SECTION 3 SERVICES TO BE FURNISHED BY THE CONSULTANT	5
3.1 SERVICES	5
3.2 GENERAL SERVICES/SUPPORT TO COUNTY AS NEEDED	6
3.3 PRELIMINARY ENGINEERING PHASE (Services to be defined with each specific WORK Assignment) 6	
3.4 BIDDING PHASE (Services to be defined with each specific WORK Assignment).....	6
3.5 CONSTRUCTION PHASE (Services to be defined with each specific WORK Assignment)	6
3.6 OTHER ENGINEERING SERVICES (Services to be defined with each specific WORK Assignment) 6	
SECTION 4 PERFORMANCE SCHEDULES	7
SECTION 5 INFORMATION AND SERVICES TO BE FURNISHED BY THE COUNTY	7
SECTION 6 PAYMENT SCHEDULE/INVOICING REQUIREMENTS	7
SECTION 7 COMPENSATION TO THE CONSULTANT	7
SECTION 8 TASK ORDERS.....	8
SECTION 9 ASSIGNMENT/SUBCONTRACTING/CORPORATE ACQUISITIONS AND/OR MERGERS	8
SECTION 10 SATISFACTORY PERFORMANCE	8
SECTION 11 RESOLUTION OF DISAGREEMENTS.....	9
SECTION 12 CONSULTANTS ACCOUNTING RECORDS	9
SECTION 13 OWNERSHIP OF PROJECT DOCUMENTS	9
SECTION 14 INSURANCE COVERAGE.....	10
SECTION 15 EQUAL EMPLOYMENT OPPORTUNITY CLAUSE FOR CONTRACTS NOT SUBJECT TO EXECUTIVE ORDER 11246.....	11
SECTION 16 INDEPENDENT CONTRACTOR STATUS AND COMPLIANCE WITH THE IMMIGRATION REFORM AND CONTROL ACT OF 1986	11
SECTION 17 PROHIBITION AGAINST CONTINGENT FEE	11
SECTION 18 TRUTH IN NEGOTIATIONS	11
SECTION 19 SUCCESSORS AND ASSIGNS	11
SECTION 20 INDEMNIFICATION.....	12
SECTION 21 INTEREST ON JUDGMENTS.....	12
SECTION 22 TERMINATION OF AGREEMENT.....	12
SECTION 23 AGREEMENT TERM.....	13
SECTION 24 CONFLICT OF INTEREST.....	13

SECTION 25 ENTIRE AGREEMENT	13
SECTION 26 PUBLIC ENTITY CRIMES	13
SECTION 27 GOVERNING LAW AND AGREEMENT EXECUTION	14

AGREEMENT**SECTION 1
INTENT OF AGREEMENT****AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES FOR
PINELLAS COUNTY**

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 Engineering & Applied Science, Inc., with offices in Tampa, Florida, hereinafter referred to as the CONSULTANT.

WITNESSETH, That:

WHEREAS, the COUNTY requires **PROFESSIONAL ENGINEERING SERVICES** associated with design, analysis and related engineering services on an as needed basis, herein referred as PROJECT.

WHEREAS, the COUNTY desires the CONSULTANT provide PROFESSIONAL ENGINEERING SERVICES requisite to the management needs of the COUNTY, and

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

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

SECTION 2 GENERAL CONDITIONS AND PROFESSIONAL REQUIREMENTS

2.1 DESCRIPTION OF OVERALL REQUIRED SERVICES

The COUNTY desires the CONSULTANT to provide services relating to performing, on an as needed basis, various engineering professional services as part of the COUNTY'S design and construction of certain capital projects or other operational needs. This AGREEMENT is intended to detail some of the various services that might be performed, and methods of compensation when work is authorized.

The Continuing Engineering CONSULTANT shall function as an extension of the COUNTY'S resources by providing qualified technical and professional personnel to perform the duties and responsibilities assigned under the terms of this AGREEMENT. The Continuing Engineering CONSULTANT shall minimize the COUNTY'S need to apply its own resources to assignments authorized by the COUNTY. The COUNTY, as its option, may elect to expand, reduce, or delete the extent of each WORK element described in this Section, as well as, Sections 3 and 4, provided such action does not alter the intent of this AGREEMENT.

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 designated departmental Director or their 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 a professional 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 professional 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.

2.4.1 COUNTY STANDARDS

All Services specified in this AGREEMENT will comply with Pinellas County's new requirement to utilize Civil 3D 2011 or latest version.

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.

2.6 QUALITY ASSURANCE/QUALITY CONTROL

The CONSULTANT shall implement the following Quality Assurance/Quality Control (QA/QC) procedures:

A. QUALITY ASSURANCE REVIEWS

The CONSULTANT shall conduct quality assurance reviews in accordance with the requirements cited in this AGREEMENT and the CONSULTANT'S approved QA/QC Plan. Reviews shall be conducted to evaluate the adequacy of engineering decisions, materials, documentation, processes, procedures, guidance, and staffing included in the execution of this contract.

B. QUALITY CONTROL PLAN

Within fourteen (14) calendar days after the Notice to Proceed Meeting, the CONSULTANT shall furnish a Quality Control Plan to the COUNTY. The Quality Control Plan shall detail the procedures, evaluation criteria, and how the CONSULTANT'S organization will assure conformance with this AGREEMENT. The CONSULTANT'S Quality Control Plan shall demonstrate how all design efforts are to be checked, back checked and rechecked on a continual basis throughout the plan production schedule. Unless specifically waived, no payment shall be made until the CONSULTANT'S Quality Control Plan is approved by the COUNTY. Significant changes to the WORK requirements may require the CONSULTANT to revise the Quality Control Plan. It shall be the responsibility of the CONSULTANT to keep the QC Plan current with the WORK requirements.

The plan shall include, but not be limited to, the following areas:

1. Organization - A description is required of the CONSULTANT'S Quality Control Organization and its functional relationship to the part of the organization performing the WORK under this AGREEMENT. The authority, autonomy and responsibilities shall be detailed, as well as the names and qualifications of personnel in the Quality Control Organization.
2. Quality Control Reviews - The CONSULTANT shall detail methods used to monitor and assure compliance of its organization with the contract requirements for services and products.
3. Proposed Quality Assurance Records - The types of records that shall be generated and maintained by the CONSULTANT during the execution of its Quality Control Program shall be outlined.
4. Schedule - The CONSULTANT shall allow sufficient time to complete the Quality Control procedure for each milestone submittal when preparing the project design schedule.
5. Records - Review comments with responses, and redlined plan markups shall be included as a deliverable with each milestone submittal. All such provided Quality Control review documents shall be returned by the COUNTY to the CONSULTANT following COUNTY review.
6. Control of Subconsultants - The methods used by the CONSULTANT to control the quality of services of its subconsultants and vendors shall be detailed and complete.
7. Quality Assurance Certification - An officer or approved designee of the CONSULTANT'S firm shall be required to certify that each submittal, plans, reports, etceteras have been prepared and checked in accordance with good engineering practices and represent quality products.
8. Monthly Report - The CONSULTANT shall report on its quality assurance effort as part of its regular monthly progress reports.

C. QUALITY ASSURANCE RECORDS

The CONSULTANT shall maintain adequate records of the quality assurance actions performed by its organization including its subconsultants, in providing services and products under this AGREEMENT. All records shall indicate the nature and number of observations made, the number and type of deficiencies found, and the corrective actions taken. These records shall be available to the COUNTY upon request during the term of this AGREEMENT. All records shall be kept at the primary office site. All records are subject to audit review.

D. TECHNICAL PEER REVIEW

The Quality Control Program shall also include a second level of review -- a "technical peer review." CONSULTANT peer review of the plans and calculations is required, and the results of such review must be indicated on these documents prior to submittal to the COUNTY. The designers' and reviewers' names are to appear on the calculations and plan sheets. A statement that such peer review has been accomplished is to be submitted to the COUNTY by the Principal-In-Charge for the CONSULTANT.

Peer review shall also be a continuing process throughout the schedule to address problem areas and help accelerate design decisions to minimize delays to production. The peer review comments for each submittal shall be summarized with a response of what action was taken for each comment and submitted to the COUNTY along with the marked-up plans. The peer review shall include a constructability review as part of the general review.

This technical peer review can be conducted by either of the following methods:

1. The peer review may be accomplished internally by persons not actively involved in the project design within the CONSULTANT'S organization, or
2. The CONSULTANT may contract the peer review with another consulting firm, after prior approval by the COUNTY.

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 Design activities shall be supported by design calculations properly identified as to subject and topic. Design references and any assumptions shall be noted. Calculations shall be in conformance with standard engineering practices. Design notes and computations shall be bound in a suitable booklet form, and properly indexed as to content. All documents shall receive Quality Control Checks and Reviews.
- 3.1.3 All Services provided shall comply with Pinellas County's new requirement to utilize Civil 3D 2011 or latest version.
- 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, preliminary engineering studies, traffic studies, 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 required by the COUNTY as directed by the County's designated Director or Designee who is a COUNTY Employee.
- 3.1.5 Preliminary Engineering Phase (Services to be defined with each specific WORK assignment)
 - 3.1.6 Design Phase (Services to be defined with each specific WORK assignment)
 - 3.1.7 Bidding Phase (Services to be defined with each specific WORK assignment)
 - 3.1.8 Other Engineering Services. (Services to be defined with each specific WORK assignment)
 - a. Survey Work – Assist the COUNTY in conducting surveys necessary for the completion of the work assignment. All surveys shall be certified by a Professional Land Surveyor (PLS/PSM).
 - 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 comply with Pinellas County's new requirement to utilize Civil 3D 2011 or 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.

3.3 PRELIMINARY ENGINEERING PHASE (Services to be defined with each specific WORK Assignment)

3.4 BIDDING PHASE (Services to be defined with each specific WORK Assignment)

3.5 CONSTRUCTION PHASE (Services to be defined with each specific WORK Assignment)

3.6 OTHER ENGINEERING SERVICES (Services to be defined with each specific WORK Assignment)

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 designated departmental 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 Dorothy Lennox Fiscal Manager, if the work performed is for the Engineering & Environmental Services Department, 14 South Ft. Harrison Ave., Clearwater, FL 33756, or mailed to other designated County staff as requested.

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 Board of 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

authorization of the WORK Assignment. 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 an hourly rate basis. Compensation shall be for the actual work performed in accordance with the schedule of rate values attached to this AGREEMENT and incorporated herein as Exhibit A.

7.2 The upset limit for all compensation to be paid under the maximum **two (2)** year term of this Agreement is an amount not to exceed **Two hundred thousand and 00/100 dollars (\$200,000.00)**. Total payments to the CONSULTANT may not exceed this amount without Board of County Commissioners or County Administrator's approval to raise this upset limit. This AGREEMENT contains **three (3)** additional **twelve (12)** month term extension options, based upon performance, beyond the primary AGREEMENT period.

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

SECTION 8 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.

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 designee.

SECTION 11 RESOLUTION OF DISAGREEMENTS

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

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

SECTION 12 CONSULTANTS ACCOUNTING RECORDS

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

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

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

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

SECTION 13 OWNERSHIP OF PROJECT DOCUMENTS

Upon completion or termination of this Agreement,

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

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

SECTION 14 INSURANCE COVERAGE

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 \$1,000,000, 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

19.1 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.

19.2 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

21.1 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.

21.2 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.

21.3 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.

21.4 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

22.1 This Agreement will become effective on the date of execution first written above and shall remain in effect for **two (2) 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 **two (2) years** 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.

22.2 This AGREEMENT may exercise a term extension subject to written notice of agreement from the County Administrator and CONSULTANT, for **three (3)** additional **twelve (12)** month term extensions, beyond the primary AGREEMENT period. These term extensions shall be exercised only if all terms and conditions remain the same. Rates will be subject to negotiation based on current market conditions.

SECTION 24 CONFLICT OF INTEREST

23.1 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.

23.2 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 ENTIRE 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



Shaping the Future

Cardno TBE

380 Park Place Blvd
Suite 300
Clearwater, FL 33759
USA

Phone 727 531 3505

Phone 800 861 8314

Fax 727 532 9891

Email tbe@CardnoTBE.com

www.CardnoTBE.com

EXHIBIT A

HOURLY DIRECT SALARY RATES

for Each Labor Category

for Period of Service: through December 31, 2011

Pinellas County Public Works Department
Engineering Consulting Services for
Roadways, Drainage, Structural, Site and Traffic

Labor Category	Hourly Direct Salary Rate Range
Designer.....	\$64 - \$110
Director	\$165 - \$255
Draftsperson	\$46 - \$95
Field Technician.....	\$64 - \$110
Planner.....	\$80 - \$145
Principal.....	\$170 - \$274
Project Engineer	\$90 - \$170
Project Manager	\$120 - \$240
Senior Designer	\$85 - \$137
Senior Engineer	\$105 - \$190
Staff Engineer	\$80 - \$145
Technician	\$55 - \$95
Technical/Administrative Assistant.....	\$40 - \$82

Professional Service Industries (PSI) – Attachment 1 (Sub to Cardno TBE)

Scheda Ecological Associates – Attachment 2 (Sub to Cardno TBE)

Attachment 1

PSI

2010 TO 2011

FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING, CONSTRUCTION SERVICES AND LABORATORY TESTING SERVICES PINELLAS COUNTY, FLORIDA

A. ENGINEERING SERVICES

The following hourly rates will be applicable for all time spent by Engineers for consultations, evaluations of field and laboratory data, non-routine preparation of field and laboratory data, non-routine preparation of engineering reports, general consultations, conferences and inspections relative to special requests for Engineering Services.

1. Senior Project Engineer/Geologist	\$120.00	Per Hour
2. Project Engineer/Geologist	\$90.00	Per Hour
3. Staff Engineer/Geologist	\$84.00	Per Hour

B. TECHNICIAN AND SUPPORT SERVICES

The following hourly rates will be applicable to general site visits as may be requested for the purpose of sampling materials, delay time, travel time, and conduction inspections and services that are not charged on a unit fee basis.

1. Senior Engineering Technician	\$50.00	Per Hour
2. Engineer Technician	\$45.00	Per Hour
3. Drafting Services	\$52.00	Per Hour
4. Secretarial Services	\$35.00	Per Hour

C. REIMBURSABLE EXPENSES

Travel time will be charged at applicable hourly rates and travel expenses for other than automobile and hotel/per diem will be reimbursed at cost. These items typically not charged, due to local proximity of projects.

Meal Expense	\$40.00	Man-Day
Per Diem and Hotel	\$90.00	Man-Day
Pick-up/Car Mileage	\$0.58	Mile

D. FIELD EXPLORATION

1. Preliminary Reconnaissance	Per Hour Basis
2. Preliminary Shallow Soil Survey muck, water, etc.	Per Project Per Hour Basis
3. Unusual Land Features Requiring Special Considerations	Per Project Per Hour Basis
4. Traffic Control Equipment	Per Project Basis
5. Subsurface Soil Exploration	
a. Manual Auger Borings	\$53.00 Per Man Hour
Truck Mounted Drilling Rig	
b. Mobilization	\$400.00 Per Project

Attachment 1

PSI 2010 TO 2011 FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING, CONSTRUCTION SERVICES AND LABORATORY TESTING SERVICES PINELLAS COUNTY, FLORIDA

c. Soil Borings:		
i. Power auger borings	\$9.00	Per L.F.
ii. Standard Penetration Test (SPT) borings		
0 - 50' Depths	\$10.50	Per L.F.
50 - 100' Depths	\$12.50	Per L.F.
100 - 150' Depths	\$20.00	Per L.F.
150 - 200' Depths	\$25.00	Per L.F.
iii. Rock Coring		
0 - 50' Depths	\$34.00	Per L.F.
50 - 100' Depths	\$40.00	Per L.F.
100 - 150' Depths	\$45.00	Per L.F.
150 - 200' Depths	\$60.00	Per L.F.
iv. Install Casing		
0 - 50' Depths	\$6.00	Per L.F.
50 - 100' Depths	\$7.00	Per L.F.
100 - 150' Depths	\$8.50	Per L.F.
150 - 200' Depths	\$11.20	Per L.F.
v. Seal Boreholes with Cement/Bentonite		
0 - 50' Depths	\$4.00	Per L.F.
50 - 100' Depths	\$5.00	Per L.F.
100 - 150' Depths	\$7.75	Per L.F.
150 - 200' Depths	\$9.90	Per L.F.
vi. Extra Split Spoon Samples		
0 - 50' Depths	\$30.00	Each
50 - 100' Depths	\$40.00	Each
100 - 150' Depths	\$78.00	Each
150 - 200' Depths	\$100.00	Each
All Terrain Vehicle/Track Mounted Drilling Rig		
d. Mobilization	\$525.00	Per Project
e. Soil Borings:		
i. Power auger borings	\$9.75	Per L.F.
ii. Standard Penetration Test (SPT) borings		
0 - 50' Depths	\$11.50	Per L.F.
50 - 100' Depths	\$15.00	Per L.F.
100 - 150' Depths	\$26.00	Per L.F.
150 - 200' Depths	\$27.00	Per L.F.
iii. Rock Coring		
0 - 50' Depths	\$37.00	Per L.F.
50 - 100' Depths	\$43.00	Per L.F.
100 - 150' Depths	\$48.00	Per L.F.
150 - 200' Depths	\$63.00	Per L.F.
iv. Install Casing		
0 - 50' Depths	\$6.50	Per L.F.
50 - 100' Depths	\$7.70	Per L.F.
100 - 150' Depths	\$8.70	Per L.F.
150 - 200' Depths	\$11.50	Per L.F.

Attachment 1

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES AND LABORATORY TESTING SERVICES
PINELLAS COUNTY, FLORIDA

v. Seal Boreholes with Cement/Bentonite		
0 - 50' Depths	\$5.00	Per L.F.
50 - 100' Depths	\$6.00	Per L.F.
100 - 150' Depths	\$8.00	Per L.F.
150 - 200' Depths	\$10.25	Per L.F.
vi. Extra Split Spoon Samples		
0 - 50' Depths	\$35.00	Each
50 - 100' Depths	\$45.00	Each
100 - 150' Depths	\$80.00	Each
150 - 200' Depths	\$105.00	Each
Barge Mounted Drilling Rig		
f. Mobilization	\$10,000.00	Per Project
g. Soil Borings:		
i. Standard Penetration Test (SPT) borings		
0 - 50' Depths	\$17.50	Per L.F.
50 - 100' Depths	\$22.50	Per L.F.
100 - 150' Depths	\$36.50	Per L.F.
150 - 200' Depths	\$52.00	Per L.F.
ii. Rock Coring		
0 - 50' Depths	\$49.00	Per L.F.
50 - 100' Depths	\$59.00	Per L.F.
100 - 150' Depths	\$66.00	Per L.F.
150 - 200' Depths	\$88.00	Per L.F.
iii. Install Casing		
0 - 50' Depths	\$9.60	Per L.F.
50 - 100' Depths	\$11.25	Per L.F.
100 - 150' Depths	\$13.05	Per L.F.
150 - 200' Depths	\$17.00	Per L.F.
iv. Seal Boreholes with Cement/Bentonite		
0 - 50' Depths	\$6.50	Per L.F.
50 - 100' Depths	\$7.90	Per L.F.
100 - 150' Depths	\$11.25	Per L.F.
150 - 200' Depths	\$15.00	Per L.F.
v. Extra Split Spoon Samples		
0 - 50' Depths	\$49.00	Each
50 - 100' Depths	\$67.00	Each
100 - 150' Depths	\$120.00	Each
150 - 200' Depths	\$155.00	Each
h. Mobilization of Electronic Piezocone Rig	\$525.00	Per Trip
Within 100 mile radius		
i. Cone Penetrometer/Sounding		
0 - 25' Depths	\$11.00	Per L.F.
25 - 50' Depths	\$14.00	Per L.F.
50 - 75' Depths	\$17.00	Per L.F.

Attachment 1

PSI
2010 TO 2011
**FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES AND LABORATORY TESTING SERVICES
PINELLAS COUNTY, FLORIDA**

i. Install Wells		2-inch Piezometers - Observation Well (DEP Standards)	
	0 - 25' Depths	\$40.00	Per L.F.
	25 - 50' Depths	\$48.00	Per L.F.
j. Clear/Develop Wells - Drill Crew Time		\$160.00	Per Hour
k. Muck Survey (2 Man Party)		\$790.00	Per Day
l. Flagman & Barricades (2 Man Party)		\$725.00	Per Day
m. Undisturbed (Shelby Samples)			
	0 - 50' Depths	\$150.00	Each
	50 - 100' Depths	\$200.00	Each
n. Double Ring Infiltration Test		\$445.00	Per Test
o. Field Borehole Permeability Test		\$400.00	Per Test
p. Ground Penetrating Radar Survey		\$2,500.00	Per Day
q. Pavement Cores			
	3 Cores Per Set	\$365.00	Per Set
r. Well Finish - 4" Protective Steel with 18" square pad		\$165.00	Each
s. Organic Vapor Analyzer Rental		\$160.00	Per Day
E. LABORATORY SOIL TESTING			
1. Identification and Classification			
a.	Natural Moisture Content, ASTM D-2216	\$9.00	Each
b.	Unit weight and moisture content from (Undisturbed Sample)	\$37.00	Each
c.	Liquid and Plastic Limit, ASTM D-423 and D-424	\$80.00	Each
d.	Specific Gravity	\$48.00	Each
e. Grain Size Determinations			
i.	Full Sieve	\$69.00	Each
ii.	Wash through #200	\$45.00	Each
iii.	Hydrometer Analysis	\$165.00	Each
f.	Organic Content	\$35.00	Each
g.	Soil Corrosivity Index - FDOT	\$175.00	Each
2. Consolidation			
a.	Consolidation test of undisturbed sample, including loading to overburden pressure, unloading and reloading	\$430.00	Each
3. Shear Strength			
a.	Unconfined compression test on Shelby Tube Sample	\$170.00	Each
b.	Triaxial Compression - CU/point	\$425.00	Each
c.	Triaxial Compression Test - UU/point	\$425.00	Each
d.	Unconfined Compression Test Rock Sample	\$165.00	Each
e.	Split tensile test	\$51.00	Each
4. Laboratory Permeability			
a.	On Undisturbed Shelby Tube	\$340.00	Each
b.	On Re-Molded Sample	\$395.00	Each

Attachment 1

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES AND LABORATORY TESTING SERVICES
PINELLAS COUNTY, FLORIDA

5. Compaction and Stabilization		
a. Standard or Modified Proctor on soil (AASHTO T-99 or T-180, 4" mold)	\$90.00	Each
b. Modified Proctor on Limerock (AASHTO T-180, 6" mold)	\$90.00	Each
c. Laboratory LBR or CBR including Modified Proctor	\$305.00	Each
F. <u>ASPHALT MIXTURES</u>		
1. Bitumen Extractions	\$110.00	Each
2. Gradations of Extracted Aggregates	\$69.00	Each
3. Marshall Stability (includes density, flow and stability of three (3) specimens)	\$130.00	Each
4. Specific Gravity (RICE Method)	\$310.00	Each
5. Thickness & Density of Cores	\$21.00	Each
6. Mix Designs		
a. Marshall Stability Design, includes absorption, specific gravity, and gradation of the various aggregates; theoretical blending of aggregates to meet gradation requirements of project specifications; molding, curing and testing of two (2) specimens each at 4 liquid asphalt contents for Unit Weight, % Air Voids, % Voids in Mineral Aggregate (V.M.A.), Marshall Stability and Flow; and Preparation of Engineering Report.	\$1,180.00	Each
H. <u>STRUCTURAL STEEL OBSERVATION AND TESTING</u>		
1. Visual inspection on structural steel weldments and monitoring of welding process in accordance with A.W.S.D1.1.	\$58.00	Hour
2. Mechanical testing of A-325 and A490 high strength bolted connections in accordance with AISC standards	\$58.00	Hour
I. <u>CONCRETE, GROUT, AND MORTAR TESTING</u>		
1. Compressive Strength of Concrete ASTM C39 (4x8 cylindrical specimens)	\$55.00	Per set
2. Compressive Strength of Grout ASTM C1019 (3x6 prisms)	\$55.00	Per set
3. Compressive Strength of Mortar ASTM C109 (2 inch cube specimens)	\$55.00	Per set

Attachment 1

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES AND LABORATORY TESTING SERVICES
PINELLAS COUNTY, FLORIDA

J. MISCELLANEOUS FIELD TESTING

- | | | |
|---|---------|-------------|
| 1. Nuclear Field Density Test | \$10.00 | each |
| 2. Floor Flatness Testing
ASTM E1155 | \$0.05 | per sq. ft. |



SCHEDA
ECOLOGICAL
ASSOCIATES

Attachment 2

Staff	Rate	Job Class	Average Rate	Burdened Rate
Johnson, Joel	21.00	Environmental Specialist		
Johnson, Sarah	22.70	Environmental Specialist		
Mrykalo, Robert	20.85	Environmental Specialist		
Gray, Brandon	25.48	Environmental Specialist		
	90.03		22.51	\$80.68
Caruso, Kristin	29.68	Senior Scientist		
Fine, James	36.87	Senior Scientist		
Young, Brad	27.90	Senior Scientist		
	94.45		31.48	\$112.86
Ries, Thomas	63.01	Chief Scientist		
Klaus, Sandra Scheda	57.45	Chief Scientist		
	120.46		60.23	\$215.90
Smolik, Corey	23.29	GIS Specialist	23.29	\$83.49
Winton, Julia	12.00	GIS Specialist B	12.00	\$43.02
Stepp, Linda	24.00	Contract Coordinator	24.00	\$86.03
Foley, Kathy	22.18	Clerical	22.18	\$79.51
Overhead	225.43%			
Direct Expense	7.13%			
FCCM	0.903%			
Operating Margin	25.00%			
	3.585	<i>times direct salaries</i>		



VIA E-MAIL

November 15, 2010

Ms. Merry Celeste
Contracts Services Supervisor
Pinellas County
Purchasing Department
Board of County Commissioners
Annex Building – 6th Floor
400 South Fort Harrison Avenue
Clearwater, Florida 33756

**RE: Roadways, Drainage, Structural, Civil, and Traffic Engineering Consulting Services
Proposal Number: 090-0348-CN (AM)**

Dear Ms. Celeste:

URS Corporation Southern (URS) is pleased to submit our proposed Billing Rates (Exhibit A) for our staff and those of our Subconsultants (George F. Young, CDM, GTS and Tierra) for the above referenced contract.

We appreciate the opportunity to submit these Billing Rates to Pinellas County and look forward to working with you in the near future. Please contact me at 813-636-2144 if you have any questions.

Sincerely,

URS Corporation Southern

A handwritten signature in black ink, appearing to read "Dana K. Tallman", followed by a long horizontal line extending to the right.

Dana K. Tallman, PE, BCEE
Vice President
Water Business Line Manager

Enclosure (Exhibit A)

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



EXHIBIT A

URS CORPORATION SOUTHERN

PINELLAS COUNTY
090-0348-CN (AM)
PROPOSED
2010 BILLABLE HOURLY RATES

Job Classification	Billable Rate (\$ / hour)
Senior Vice President	260.00
Vice President/Officer-in-Charge	220.00
Project Manager/Associate Principal	145.00
Senior Architect	160.00
Project Architect	110.00
Construction Manager (CEI)	160.00
Construction Engineer (CEI)	100.00
Senior Construction Inspector	95.00
Project Construction Inspector	70.00
Senior Certified Bridge Inspector	110.00
Project Certified Bridge Inspector	90.00
Senior ITS Inspector	100
Project ITS Inspector	80
Senior Civil Engineer	125.00
Project Civil Engineer	105.00
Senior Electrical Engineer	130.00
Project Electrical Engineer	110.00
Electrical Engineer Intern	80.00



EXHIBIT A
URS CORPORATION SOUTHERN
(continued)

PINELLAS COUNTY
090-0348-CN (AM)
PROPOSED
2010 BILLABLE HOURLY RATES

Job Classification	Billable Rate (\$ / hour)
Senior Environmental Engineer	140.00
Project Environmental Engineer	105.00
Environmental Engineer Intern	75.00
Senior Geotechnical Engineer	130.00
Project Geotechnical Engineer	100.00
Geotechnical Engineer Intern	75.00
Senior Structural Engineer	150.00
Project Structural Engineer	120.00
Structural Engineer Intern	90.00
Senior Environmental Scientist	130.00
Project Environmental Scientist	105.00
Senior Water Resources Engineer	140.00
Project Water Resources Engineer	105.00
Water Resources Engineer Intern	75.00
Senior Engineer	130.00
Project Engineer	95.00
Engineer Intern	70.00
Senior Planner	150.00



EXHIBIT A
URS CORPORATION SOUTHERN
(continued)

PINELLAS COUNTY
090-0348-CN (AM)
PROPOSED
2010 BILLABLE HOURLY RATES

Job Classification	Billable Rate (\$ / hour)
Project Planner	100.00
Senior Landscape Architect	135.00
Landscape Architect	95.00
Landscape Architect Intern	75.00
Senior Geologist	130.00
Project Geologist	100.00
Senior GIS Specialist	125.00
Project GIS Specialist	90.00
Field Technician	65.00
Senior Designer	110.00
Drafter/CADD Operator	85.00
Operations Specialist	95.00
Senior Surveyor & Mapper	125.00
Project Surveyor & Mapper	105.00
Survey Party Chief	62.00
Survey Instrument Man	42.00
Survey Rod Man/Chain Man	34.00
Survey Intern	75.00



EXHIBIT A
URS CORPORATION SOUTHERN
(continued)

PINELLAS COUNTY
090-0348-CN (AM)
PROPOSED
2010 BILLABLE HOURLY RATES

Job Classification	Billable Rate (\$ / hour)
Survey Technician	75.00
Senior Utility Coordinator	112.00
Utility Coordinator	90.00
Subsurface Utility Engineering Technician	85.00
Senior Public Information Specialist	100.00
Project Public Information Specialist	85.00
Fiscal/Accounting	75.00
Administrative/Clerical	70.00



Pinellas County Roadways, Drainage, Structural, Site and Traffic Eng. Consulting Services
George F. Young, Inc. Rate Schedule November 2010

PROFESSIONAL STAFF

SURVEY

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

TECHNICAL STAFF

Technician III	\$ 80.00
Technician II	\$ 70.00
Technician I	\$ 60.00
Admin Staff	\$ 55.00

SURVEY FIELD PARTIES

5 Person Field Crew	\$ 173.00
4 Person Field Crew	\$ 153.00
3 Person Field Crew	\$ 133.00
2 Person Field Crew	\$ 113.00

SUBSURFACE UTILITY DESIGNATION/LOCATION

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

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



1715 North Westshore Boulevard, Suite 875
Tampa, Florida 33607
tel: +1 813 281-2900
fax: +1 813 288-8767

November 12, 2010

Dana K. Tallman, P.E., BCEE
Vice President
Water Business Line Manager
URS Corporation/Tampa
7650 West Courtney Campbell Causeway
Suite 700
Tampa, Florida 33607-1462

Subject: CDM Hourly Rates

Dear Mr. Tallman:

CDM is pleased to be on the URS team for Roadways, Drainage, Structural, Site and Traffic Engineering Consulting Services for Pinellas County.

Exhibit A, attached provides you with the requested rate schedule information. If you have any questions, do not hesitate to contact me.

Very truly yours,

Daniel E. Strobbridge, QEP
Vice President
Camp Dresser & McKee Inc.

cc: S. McClelland, CDM





EXHIBIT A
SCHEDULE OF HOURLY BILLING RATES
November 2010

PROFESSIONAL SERVICES		HOURLY RATE (\$)
Professional I		\$102.00
Professional II		117.00
Senior Professional		150.00
Principal		166.00
Associate		225.00
Officer		253.00
PROFESSIONAL SUPPORT SERVICES		
Staff Support Services		75.00
PROJECT SUPPORT SERVICE		
Project Administration		75.00
Outside Professional Services	Cost x 1.1	
Other Direct Costs	Cost x 1.1	



6744444444

November 12, 2010

URS Corporation
7650 West Courtney Campbell Causeway
Suite 700
Tampa, Florida 33607

27150 Gill Road
Myakka City FL 34251

Office: 941-322-2815
agarland@gtseng.com
www.GTSEng.com

Providing Timely, Professional Engineering Solutions

Re: Schedule of Rate Values

Dear Sir or Madam:

Garland Traffic Solutions, Inc, d/b/a GTS Engineering is pleased to submit this Schedule of Rate Values as a subconsultant to *URS Corporation* for the *Pinellas County RFP #090-0348-CM (AM)*.

EXHIBIT A
SCHEDULE OF RATE VALUES
(Loaded)

CLASSIFICATION	\$/Hr
Project Manager	\$105.00
Project Engineer	\$80.00
CADD Technician	\$55.00
Senior Technician	\$50.00
Technician	\$40.00

Please feel free to contact me if you have any questions. We look forward to working with you on this contract.

Respectfully,
GTS Engineering

Angela M. Garland, PE, PTOE
President



November 12, 2010

URS Corporation
7650 West Courtney Campbell Causeway
Suite 700
Tampa, FL 33607

Attn: Mr. Dana Tallman, P.E.

**RE: Request for Schedule of Rate Values for
Roadways, Drainage, Structural, Site and
Traffic Engineering Consulting Services
Pinellas County Public Works
RFP #090-0348-CN (AM)
Tierra Project No.: 6111-10-345**

Mr. Tallman,

Thank you for the opportunity to join your team for the General Engineering Consultant Contract for Pinellas County.

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.

A handwritten signature in black ink, appearing to read "Larry P. Moore". The signature is fluid and cursive, with a large initial "L" and "M".

Larry P. Moore, P.E.
Principal Engineer



	Unit	# of Units	Unit Price	Total
I. FIELD INVESTIGATION				
Mobilization of Men and Equipment				
Truck-Mounted Equipment	Trip	0	\$ 315.00	\$ 0.00
Specialized ATV/Track	Trip	0	\$ 630.00	\$ 0.00
Support Vehicle	Trip	0	\$ 141.00	\$ 0.00
Cone Penetrometer Equipment	Trip	0	\$ 330.00	\$ 0.00
Barge-Mounted Equipment	Trip	0	\$ 6930.00	\$ 0.00
Tug with Barge Equipment	Day	0	\$ 2500.00	\$ 0.00
Safety Boat	Day	0	\$ 550.00	\$ 0.00
Standard Penetration Test Borings, Truck Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 11.50	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 15.20	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 27.80	\$ 0.00
150 - 200 ft depth	L.F.	0	\$ 42.00	\$ 0.00
Standard Penetration Test Borings, ATV-Track Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 17.00	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 22.90	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 27.55	\$ 0.00
Standard Penetration Test Borings, Barge Mounted Equipment				
0 - 50 ft depth	L.F.	0	\$ 19.15	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 25.70	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 47.40	\$ 0.00
Grout-Seal Boreholes, Truck Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 4.70	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 6.20	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 9.10	\$ 0.00
Grout-Seal Boreholes, ATV-Track Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 6.70	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 9.10	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 13.65	\$ 0.00
150 - 200 ft depth	L.F.	0	\$ 17.85	\$ 0.00
Grout-Seal Boreholes, Barge Mounted Equipment				
0 - 50 ft depth	L.F.	0	\$ 7.55	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 10.05	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 15.40	\$ 0.00
150 - 200 ft depth	L.F.	0	\$ 20.45	\$ 0.00
Casing Allowance, Truck Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 7.60	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 9.10	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 10.90	\$ 0.00
Casing Allowance, ATV-Track Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 11.55	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 13.95	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 16.00	\$ 0.00
150 - 200 ft depth	L.F.	0	\$ 20.70	\$ 0.00
Casing Allowance, Barge Mounted Equipment				
0 - 50 ft depth	L.F.	0	\$ 12.86	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 15.65	\$ 0.00



	Unit	# of Units	Unit Price	Total
100 - 150 ft depth	L.F.	0	17.85 \$	0.00
150 - 200 ft depth	L.F.	0	32.10 \$	0.00
Rock Coring (Structures), Truck Mounted Equipment				
0 - 50 ft deep	L.F.	0	33.60 \$	0.00
50 - 100 ft deep	L.F.	0	45.15 \$	0.00
100 - 150 ft depth	L.F.	0	55.00 \$	0.00
Rock Coring (Structures) (By ATV/Mudbug)				
0 - 50 ft deep	L.F.	0	39.90 \$	0.00
50 - 100 ft deep	L.F.	0	46.95 \$	0.00
100 - 150 ft deep	L.F.	0	60.00 \$	0.00
Rock Coring (Structures), ATV-Track Mounted Equipment				
0 - 50 ft deep	L.F.	0	38.30 \$	0.00
50 - 100 ft deep	L.F.	0	51.00 \$	0.00
100 - 150 ft deep	L.F.	0	70.00 \$	0.00
Rock Coring (Structures), Barge Mounted Eq				
0 - 50 ft deep	L.F.	0	42.75 \$	0.00
50 - 100 ft deep	L.F.	0	56.70 \$	0.00
100 - 150 ft deep	L.F.	0	75.00 \$	0.00
Field Permeability Tests	Test	0	262.00 \$	0.00
Flagmen & Barricades (2 man crew)	Day	0	829.00 \$	0.00
Florida Patrolmen (Traffic Control)	Hour	0	34.30 \$	0.00
Arrow Rental Sign	Day	0	69.30 \$	0.00
Auger Borings	L.F.	0	9.25 \$	0.00
Extra Split Spoon Samples	Each	0	35.95 \$	0.00
Hand Muck Probes (2-man crew)	Day	0	550.00 \$	0.00
Thin Walled Shelby Tube Samples (Land)	Each	0	125.00 \$	0.00
2-Inch Piezometer Installation	L.F.	0	36.00 \$	0.00
Standby/Decontamination Drill Rig & Crew	Hour	0	189.00 \$	0.00
Clearing Operations (Heavy Equipment)	Day	0	2,500.00 \$	0.00
Clearing Operations (Light TEquipment)	Day	0	1,250.00 \$	0.00
Double Ring Infiltration Test	Test	0	400.00 \$	0.00
Organic Vapor Analyzer (OVA)	Day	0	220.50 \$	0.00
Power Auger Boring (Includes Decon, 25 ft)	L.F.	0	11.55 \$	0.00
Pavement Cores, Asphalt	Each	0	100.00 \$	0.00
Concrete Cores	Each	0	125.00 \$	0.00
II. LABORATORY TESTING				
Visual Examination/Stratify, 1 set = 5 feet	Per Set	0	3.65 \$	0.00
Natural Moisture Content Tests	Test	0	10.00 \$	0.00
Grain-Size Analysis - Full Gradation	Test	0	60.00 \$	0.00
Grain-Size Analysis - Single Sieve	Test	0	35.00 \$	0.00
Organic Content Tests	Test	0	35.00 \$	0.00
Atterberg Limit Tests	Test	0	85.00 \$	0.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	0	130.00 \$	0.00
Unit Weight Determination	Test	0	39.35 \$	0.00
Consolidation Tests	Test	0	393.00 \$	0.00
(a) Each additional load increment above 4TSF	Each	0	25.20 \$	0.00
Specific Gravity	Test	0	56.70 \$	0.00
Triaxial Shear Tests (3 Points)	Test	0	336.00 \$	0.00
Rock Compression Test	Test	0	105.00 \$	0.00
Split Tension Test	Test	0	105.00 \$	0.00



	Unit	# of Units		Unit Price		Total
LBR Test	Test	0	\$	300.00	\$	0.00
Permeability Test, Granular Soils	Test	0	\$	170.00	\$	0.00
Grain-Size with Hydrometer	Test	0	\$	110.00	\$	0.00
Proctor Test (a) Modified	Test	0	\$	110.00	\$	0.00
(b) Standard	Test	0	\$	105.00	\$	0.00
Concrete Compression, Test Only	Test	0	\$	10.00	\$	0.00
Chloride Testing, Saltwater Intrusion	Test	0	\$	150.00	\$	0.00
Petrographic Testing	Test	0	\$	1,000.00	\$	0.00
Swell Test	Test	0	\$	157.50	\$	0.00
Sample Preparation, Samples from Others	Hour	0	\$	65.00	\$	0.00
Direct Shear Strength Test (1 Point)	Test	0	\$	262.50	\$	0.00
Soil Cement Mix Designs	Each	0	\$	1020.00	\$	0.00
pH Test	Test	0	\$	27.70	\$	0.00
Fines Content	Test	0	\$	42.00	\$	0.00
Extrusion of UD	Test	0	\$	27.55	\$	0.00
Bitumen Extraction	Test	0	\$	110.00	\$	0.00
Bitumen Gradation	Test	0	\$	110.00	\$	0.00

III. FIELD ENGINEERING AND TECHNICAL SERVICES

Site Recon./Utility Coordination/Traffic Control

Sr. Engineering Technician	Hour	0	\$	65.00	\$	0.00
Engineering Technician	Hour	0	\$	45.00	\$	0.00

IIIA. ENGINEERING AND TECHNICAL SERVICES

1. Project Manager	Hour	0	\$	140.00	\$	0.00
Senior Project Engineer	Hour	0	\$	125.00	\$	0.00
Senior Specialist	Hour	0	\$	100.00	\$	0.00
Project Engineer	Hour	0	\$	105.00	\$	0.00
Engineering Intern	Hour	0	\$	90.00	\$	0.00
Computer Technician	Hour	0	\$	70.00	\$	0.00
Sr Engineering Technician	Hour	0	\$	65.00	\$	0.00
Engineering Technician	Hour	0	\$	45.00	\$	0.00
Secretary/Clerical	Hour	0	\$	50.00	\$	0.00



CUMBEY & FAIR, INC.

2463 Enterprise Road • Clearwater, Florida 33763-1790 • 727-797-8982 (Ciw) • 813-223-4333 (Tpa) • Fax 727-791-8752

SCHEDULE OF RATE VALUES Loaded Hourly Billing Rates October 2010

Cumbey & Fair, Inc.

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



CUMBEY & FAIR, INC.

2463 Enterprise Road • Clearwater, Florida 33763-1790 • 727-797-8982 (Clw) • 813-223-4333 (Tpa) • Fax 727-791-8752

SCHEDULE OF RATE VALUES

Loaded Hourly Billing Rates
October 2010

DKS Associates, Inc.

Chief Transportation Engineer	\$195.00 per hour
Transportation Project Manager	\$175.00 per hour
Senior Transportation Engineer	\$150.00 per hour
Transportation Project Engineer	\$120.00 per hour
CEI Project Engineer	\$128.00 per hour
Transportation Engineer	\$98.00 per hour
Senior ITS Inspector	\$103.00 per hour
Secretary/Clerical	\$56.00 per hour

Peacock & Associates, LLC

Chief Scientist	\$150.00 per hour
Senior Scientist	\$100.00 per hour

H.W. Lochner, Inc.

Project Manager	\$180.20 per hour
Chief Engineer	\$204.60 per hour
Senior Enginee	\$166.99 per hour
Project Engineer	\$121.22 per hour
Engineer	\$105.39 per hour
Technician/Designe	\$65.19 per hour
Senior Planner	\$156.46 per hour
Planner	\$96.22 per hour
Certified Bridge Inspector	\$108.5 per hour
Chief Scientist	\$152.02 per hour
Senior Utility Coordinator	\$117.58 per hour
Clerical	\$60.85 per hour



CUMBEY & FAIR, INC.

2463 Enterprise Road • Clearwater, Florida 33763-1790 • 727-797-8982 (Clw) • 813-223-4333 (Tpa) • Fax 727-791-8752

SCHEDULE OF RATE VALUES

Loaded Hourly Billing Rates

October 2010

Universal Engineering Sciences, Inc.

Engineering Services:

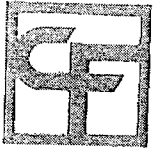
Principal Engineer, P.E./Principal Geologist, P.G.	\$130.00 per hour
Threshold Inspector, P.E., S.I.	\$110.00 per hour
Senior Engineer, P.E./Senior Geologist, P.G.	\$120.00 per hour
Project Engineer/Scientist	\$85.00 per hour
Project Manager	\$125.00 per hour
Staff Engineer/Scientist	\$70.00 per hour
Senior Inspector (Code Compliance)	\$60.00 per hour
Senior Engineering Technician	\$55.00 per hour
Threshold Agent	\$55.00 per hour
Engineering Technician	\$45.00 per hour
Associates Engineering Technician	\$35.00 per hour

Support Services:

CADD Operator	\$55.00 per hour
Technical Secretary	\$45.00 per hour

Laboratory Testing:

Atterberg Limits (liquid and plastic limits)	\$100.00 per sample
Liquid Limit	\$55.00 per sample
Plastic Limit	\$55.00 per sample
Double Ring Infiltrometer Test	\$400.00 each
Grain Size Distribution	\$50.00 per sample
Percent Fines (Wash No. 200 Sieve)	\$30.00 per sample
Hydrometer Analysis with Grain Size Distribution	\$95.00 per sample
Organic Content Determination	\$40.00 per sample
Moisture Content	\$10.00 per sample



CUMBEY & FAIR, INC.

2463 Enterprise Road • Clearwater, Florida 33763-1790 • 727-797-8982 (C/w) • 813-223-4333 (Tpa) • Fax 727-791-8752

SCHEDULE OF RATE VALUES

Loaded Hourly Billing Rates
October 2010

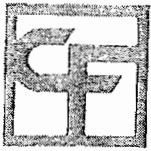
Universal Engineering Sciences, Inc. (cont'd)

Laboratory Testing: (cont'd)

Specific Gravity	\$70.00 per sample
Swell Test	\$150.00 per sample
Consolidation	\$450.00 per sample
With Hysteresis Loop	\$75.00 per loop
Permeability Tests – Laboratory	
Granular Soil (Constant Head)	\$125.00 per sample
Cohesive Soil (triaxial, back pressure saturated) w/200 wash	\$350.00 per sample
Triaxial Compression Test (R, S, T; included mohrs circle)	\$300.00 per sample
with Back Pressure Saturation and pore pressure measurements, add	\$200.00 per sample
Unconfined Compression Tests	\$90.00 per sample
pH	\$25.00 per sample
Resistivity	\$50.00 per sample
Chloride	\$35.00 per sample
Sulfate	\$35.00 per sample
Sulfide	\$35.00 per sample
Corrosion Resistance (pH, R, Cl, Su)	\$150.00 per sample
Turbidity (sample FOB Laboratory)	\$30.00 per sample

Drilling Services:

Mobilization – Truck Rig	
0 – 50 miles	\$250.00 lump sum
beyond 50 miles from Tampa (round trip)	\$3.00 per mile
Standard Penetration Test Borings (ASTM D-1586),	
Truck Mounted CME 45 Rig	
0 – 50 foot depth interval	\$10.50 per foot
51 – 100 foot depth interval	\$12.00 per foot



CUMBEY & FAIR, INC.

2463 Enterprise Road • Clearwater, Florida 33763-1790 • 727-797-8982 (Clw) • 813-223-4333 (Tpa) • Fax 727-791-8752

SCHEDULE OF RATE VALUES Loaded Hourly Billing Rates October 2010

Universal Engineering Sciences, Inc. (cont'd)

Drilling Services: (cont'd)

101 – 150 foot depth interval	\$15.00 per foot
151 – 200 foot depth interval	\$20.00 per foot

Rock Coring

0 – 50 foot depth interval	\$25.00 per foot
51 – 100 foot depth interval	\$35.00 per foot
101 – 150 foot depth interval	\$50.00 per foot
151 – 200 foot depth interval	\$70.00 per foot

Grout Boreholes

0 – 50 foot depth interval	\$3.50 per foot
51 – 100 foot depth interval	\$5.00 per foot
101 – 150 foot depth interval	\$7.00 per foot
151 – 200 foot depth interval	\$10.00 per foot

Installation of Temporary Steel Casing

0 – 50 foot depth interval	\$6.25 per foot
51 – 100 foot depth interval	\$8.50 per foot
101 – 150 foot depth interval	\$11.00 per foot
151 – 200 foot depth interval	\$20.00 per foot

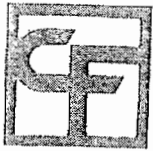
Undisturbed Thin-Walled Tube Sampling \$90.00 per tube

Ground Penetrating Radar – utility clearance, etc.

Visual Soil Classification/Boring Log Preparation \$65.00 per hour

Soils Testing:

Field Density Tests (minimum 5 tests per trip)	\$20.00 each
Florida Bearing Value (FBV)	\$30.00 per sample
Florida Bearing Value Determination of Blend Proportions	\$255.00 per sample
Limerock Bearing Ratio (LBR)	\$275.00 per sample
Standard Proctor	\$80.00 per sample
Modified Proctor	\$80.00 per sample



CUMBEY & FAIR, INC.

2463 Enterprise Road • Clearwater, Florida 33763-1790 • 727-797-8982 (Clw) • 813-223-4333 (Tpa) • Fax 727-791-8752

SCHEDULE OF RATE VALUES

Loaded Hourly Billing Rates
October 2010

Universal Engineering Sciences, Inc. (cont'd)

Soils Testing: (cont'd)

Soil-Cement, Field Inspection and Testing (minimum \$250 per day)	\$0.25 per sq.yd
Soil-Cement, Laboratory Design Mixes (FOB Laboratory, FDOT Method)	\$800.00 per mix
Soil-Cement, Laboratory Design Mixes (FOB Laboratory, PCA Short Cut Method)	\$475.00 per mix
Soil-Cement Compressive Strength (3 pills)	\$90.00 per set
Each Additional Pill	\$20.00 each
Soil-Cement Field Proctor	\$80.00 each
Relative Density Test (Minimum – Maximum)	\$165.00 each
California Bearing Ratio	\$275.00 per sample
Soil Plate Load Tests (ASTM)	\$650.00 each

Concrete Testing Services:

Casting Test Cylinders, including Slump Test (4 cylinders or less per set)	\$80.00 per set
Compression Tests of Cylinders (FOB Laboratory)	\$15.00 per cylinder
Additional Cylinders	\$15.00 per cylinder
Extra Slump Tests	\$15.00 each
Air Content Tests	\$20.00 each
Making and Testing Flexural Beams, 3 beams per set	\$140.00 per set
Concrete Coring	
Mobilization for Coring	\$125.00 per trip
Obtaining and Testing Concrete Cores	\$80.00 each
Patching Cored Holes	\$10.00 each
Concrete Design Mixes	
Concrete Ready Mix Plant or Job Inspection	\$40.00 per hour



CUMBEY & FAIR, INC.

2463 Enterprise Road • Clearwater, Florida 33763-1790 • 727-797-8982 (Clw) • 813-223-4333 (Tpa) • Fax 727-791-8752

SCHEDULE OF RATE VALUES

Loaded Hourly Billing Rates

October 2010

Universal Engineering Sciences, Inc. (cont'd)

Concrete Testing Services: (cont'd)

Sieve Analysis, Fine or Coarse	\$35.00 per sample
Absorption	\$40.00 per sample
Specific Gravity	\$65.00 per sample
Unit Weight	\$30.00 per sample
Material Finer than No. 200 Sieve	\$30.00 per sample
Organic (Colormetric ASTM C-40)	\$40.00 per sample
Salt Content	\$37.00 per sample
Los Angeles Abrasion	\$400.00 per sample
Soundness (5 cycle sodium sulphate)	\$350.00 per sample
Soundness (5 cycle magnesium sulphate)	\$300.00 per sample
In-Situ Testing (Swiss Hammer, Windsor Probe, etc.)	

Calibration & Equipment Usage Minimum 4-Hours

Swiss Hammer	\$55.00 per hour
Windsor Probe	\$55.00 per hour
Windsor Probe Shots	\$15.00 per shot
Moisture Emissions	\$35.00 per kit
Moisture Emissions:	\$45.00 per hour
Trip 1: Kit Installation (minimum 4 hours)	
Trip 2: Kit Pick-Up & Calculations (minimum 4 hours)	

Masonry Testing Services:

Compressive Strength, ASTM C-140	\$45.00 each
Absorption and Moisture Content, ASTM C-140	\$45.00 each
Linear Shrinkage Tests of Concrete Block (ASTM 426)	\$360.00 per set
Compressive Strength of Hollow Masonry Prisms, ASTM E-477	\$55.00 per prism
Compressive Strength of Grouted Masonry Prisms	\$60.00 per prism
Molding and Testing 2" Masonry Mortar Cubes, set of 3	\$70.00 per set



CUMBEY & FAIR, INC.

2463 Enterprise Road • Clearwater, Florida 33763-1790 • 727-797-8982 (Clw) • 813-223-4333 (Tpa) • Fax 727-791-8752

SCHEDULE OF RATE VALUES

Loaded Hourly Billing Rates

October 2010

Universal Engineering Sciences, Inc. (cont'd)

Masonry Testing Services: (cont'd)

Mortar Mix Design (ASTM C-270)

Making and Testing 32@ x 32@ x 7" Grout Prisms, set of 3 \$95.00 per set

Asphaltic Concrete Testing Services:

Extraction and Gradation \$200.00 per sample

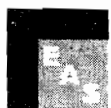
Marshall Stability (FOB Laboratory) \$50.00 per sample

Asphaltic Concrete Mix Design (including void analysis
and family of curves) \$700.00 per mix

Coring Pavement to Obtain Density and Thickness Samples \$45.00 per sample

(mobilization fee \$125)

Laboratory Testing of Asphaltic Cores for Density \$25.00 per core



Engineering & Applied Science, Inc.

November 15, 2010

Ms. Jan Herbst, P.E.
Interim Director
Engineering and Environmental Services
Pinellas County Public Works Department
440 Court Street
Clearwater, FL 33756

**Re: Request for Schedule of Rate Values for Roadways, Drainage,
Structural, Site, and Traffic Engineering Consulting Services
RFP# 090-0348-CN (AM)**

Dear Ms. Herbst:

Engineering & Applied Science, Inc. (EAS) is pleased to submit the Schedule of Rate Values as Exhibit A as per your request dated November 8, 2010. The Florida Department of Transportation "Fee Schedule" formula is acceptable to EAS as previously signed and submitted to Pinellas County on August 19, 2010.

EXHIBIT A

**Schedule of Rate Values for the Proposed Staff Hourly Rates for the Year 2011 for
Engineering & Applied Science, Inc. as Prime, and Subcontractors Faller Davis & Associates,
Inc., Northwest Engineering, Inc., Test Lab, Inc., GeoMasters, Inc., and L.A., Design, Inc.**

**The following Staff Levels include any and all FDOT job classification.
Staff Levels refers to engineering, scientists, planners and surveyors disciplines**

Staff Levels	Loaded Hourly Rate
Principal	\$ 175.00
Chief Level	\$ 170.00
QA/QC Officer	\$ 165.00
Lead Level	\$ 155.00
Project Manager	\$ 150.00
Assistant Project Manager	\$ 130.00
Senior Level 2	\$ 140.00
Senior Level 1	\$ 130.00
Senior Design Engineer	\$ 130.00
Junior Design Engineer	\$ 110.00
Project Level 2	\$ 120.00
Project Level 1	\$ 110.00
Associate Level	\$ 90.00
Assistant Level	\$ 75.00

Staff Levels	Loaded Hourly Rate
Sr. Field Technician	\$ 80.00
Junior Field Technician	\$ 55.00
Senior CAD/GIS	\$ 125.00
Junior CAD/GIS	\$ 80.00
Senior Administrative	\$ 90.00
Junior Administrative	\$ 65.00
Senior Clerical	\$ 80.00
Junior Clerical	\$ 50.00
Prof. Surveyor	\$ 110.00
Survey Technician	\$ 90.00
Field Supervisor	\$ 80.00
2 Man Crew Survey	\$ 130.00
3 Man Crew Survey	\$ 160.00
4 Man Crew Survey	\$ 220.00

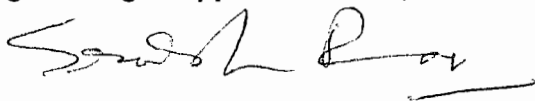
Staff Levels	Loaded Hourly Rate
1 Man GPS	\$ 140.00
2 Man GPS	\$ 165.00
3 Man Crew GPS	\$ 215.00

Staff Levels	Loaded Hourly Rate
4 Man Crew GPS	\$ 275.00
1 Man Robot	\$ 100.00
2 Man Robot	\$ 120.00

We appreciate the opportunity to submit our Schedule of Rates for this RFP and look forward to providing services to Pinellas County. As President of EAS, I am authorized to commit the resources of the firm and negotiate contract for this project. I can be reached in Tampa at (813) 907-6119 or srirao@eastampa.com. Please contact me for any additional information you may need.

Sincerely,

Engineering & Applied Science, Inc.



Srinivas G. Rao, Ph.D., P.E.
President/Principal

P:\Pinellas Col\2010 Roadway, Drainage, Structural Traffic Engg\Contract Negotiation\Schedule of Rate Values 20101222 (Revised).doc





an Atkins company

November 15, 2010

Jan R. Herbst, P.E., Interim Director
Engineering and Environmental Services
Pinellas County
440 Court Street
Clearwater, FL 33756

RE: Request for Schedule of Rate Values
Roadways, Drainage, Structural, Site, and Traffic Engineering Consulting Services
RFP #090-0348-CN (AM)

Dear Ms. Herbst,

Attached please find "Exhibit A – Schedule of Rate Values" for the Roadways, Drainage, Structural, Site and Traffic Engineering Consulting Services contract referenced above. Also included are the rates submitted by Tierra for geotechnical field services.

Please do not hesitate to contact me at (813) 281-8220 should you have any questions or require any additional information.

Sincerely,

A handwritten signature in black ink that reads 'Mark D. Micikas'.

Mark D. Micikas, P.E.
Transportation Practice Manager /Vice President

Enclosure

cc: Joe Hitterman – PBS&J



an Atkins company

Exhibit A – Schedule of Rate Values

PBS&J, Inc.	Rate (\$)	Unit
Project Manager	180.00	Hr.
Chief Engineer	192.00	Hr.
Sen. Engineer	165.00	Hr.
Sen. Planner	144.00	
Project Engineer	120.00	Hr.
Engineer	103.00	Hr.
Designer	97.00	Hr.
Engineering Intern	86.00	Hr.
Planner	90.00	
Sen. Engineering Technician	85.00	Hr.
CADD Technician	74.00	Hr.
Engineering Technician	62.00	Hr.
Clerical	55.00	Hr.
Chief Scientist	190.00	Hr.
Sen. Scientist	112.00	Hr.
Environmental Specialist	72.00	Hr.
Scientist	66.00	Hr.
Sen. Survey & Mapper	132.00	Hr.
Survey & Mapper	120.00	Hr.
Survey Technician	87.00	Hr.
Survey Intern	77.00	Hr.
Party Chief	74.00	Hr.
Instrument Man	46.00	Hr.
Rodman	31.00	Hr.
Sen. Landscape Architect	141.00	Hr.
Landscape Architect	100.00	Hr.
Landscape Architect Intern	74.00	Hr.
Sen. Architect	149.00	Hr.
Project Architect	110.00	Hr.
Architect	106.00	Hr.
CEI Sen. Project Engineer	165.00	Hr.
CEI Project Engineer	128.00	Hr.
CEI Contract Support Spec.	93.00	Hr.
CEI Sen. Inspector	85.00	Hr.
CEI Inspector/Engineer Intern	62.00	Hr.
CEI Clerical	50.00	Hr.

American Quality Consultants	Rate (\$)	Unit
Project Manager	175.00	Hr.
Sen. Engineer	165.00	Hr.
Engineer	105.00	Hr.
Designer	100.00	Hr.
Engineering Intern	85.00	Hr.
Sen. Engineering Technician	80.00	Hr.
CADD Technician	75.00	Hr.
Clerical	60.00	Hr.

George F. Young, Inc.	Rate (\$)	Unit
Principal Surveyor	145.00	Hr.
Surveyor III	130.00	Hr.
Surveyor II	110.00	Hr.
Surveyor I	95.00	Hr.
Technician III	80.00	Hr.
Technician II	70.00	Hr.
Technician I	60.00	Hr.
Admin Staff	55.00	Hr.
Survey Field Parties		
5 Person Field Crew	173.00	Hr.
4 Person Field Crew	153.00	Hr.
3 Person Field Crew	133.00	Hr.
2 Person Field Crew	113.00	Hr.
Subsurface Utility Designation/Location		
Location Vac Truck and Crew	1,850.00	Day
2 Person Designation Truck and Crew	1,385.00	Day
3 Person Designation Truck and Crew	1,675.00	Day
Ground Penetrating Radar with Operator	1,475.00	Day
Mobilization/Demobilization	300.00	Day
Maintenance of Traffic (MOT)	400.00	Avg. Charge per setup
Utility Manager	125.00	Hr.
Utility Coordinator	75.00	Hr.
SUE Lead Locator	70.00	Hr.
SUE Locator Tech	50.00	Hr.

Tierra, Inc.	Rate (\$)	Unit
Project Manager	140.00	Hr.
Senior Project Engineer	125.00	Hr.



an Atkins company

Senior Specialist	100.00	Hr.
Project Engineer	105.00	Hr.
Engineering Intern	90.00	Hr.
Computer Technician	70.00	Hr.
Sr Engineering Technician	65.00	Hr.
Engineering Technician	45.00	Hr.
Secretary/Clerical	50.00	Hr.



an Atkins company

TIERRA

November 15, 2010

PBS&J, Inc.
4030 W. Boy Scout Blvd
Suite 700
Tampa, FL 33607

Attn: Mr. Joseph Hitterman, P.E.

**RE: Request for Schedule of Rate Values for
Roadways, Drainage, Structural, Site and
Traffic Engineering Consulting Services
Pinellas County Public Works
RFP #090-0348-CN (AM)
Tierra Project No.: 6111-10-345**

Mr. Hitterman,

Thank you for the opportunity to join your team for the General Engineering Consultant Contract for Pinellas County.

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.

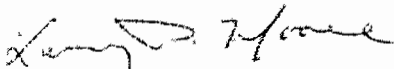
We trust that this will meet your needs for the Schedule of Rates Values requested by Pinellas County.

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 Engineer

	Unit	# of Units		Unit Price		Total
I. FIELD INVESTIGATION						
Mobilization of Men and Equipment						
Truck-Mounted Equipment	Trip	0	\$	315.00	\$	0.00
Specialized ATV/Track	Trip	0	\$	630.00	\$	0.00
Support Vehicle	Trip	0	\$	141.00	\$	0.00
Cone Penetrometer Equipment	Trip	0	\$	330.00	\$	0.00
Barge-Mounted Equipment	Trip	0	\$	6930.00	\$	0.00
Tug with Barge Equipment	Day	0	\$	2500.00	\$	0.00
Safety Boat	Day	0	\$	550.00	\$	0.00
Standard Penetration Test Borings, Truck Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	11.50	\$	0.00
50 - 100 ft depth	L.F.	0	\$	15.20	\$	0.00
100 - 150 ft depth	L.F.	0	\$	27.80	\$	0.00
150 - 200 ft depth	L.F.	0	\$	42.00	\$	0.00
Standard Penetration Test Borings, ATV-Track Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	17.00	\$	0.00
50 - 100 ft depth	L.F.	0	\$	22.90	\$	0.00
100 - 150 ft depth	L.F.	0	\$	27.55	\$	0.00
Standard Penetration Test Borings, Barge Mounted Equipment						
0 - 50 ft depth	L.F.	0	\$	19.15	\$	0.00
50 - 100 ft depth	L.F.	0	\$	25.70	\$	0.00
100 - 150 ft depth	L.F.	0	\$	47.40	\$	0.00
Grout-Seal Boreholes, Truck Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	4.70	\$	0.00
50 - 100 ft depth	L.F.	0	\$	6.20	\$	0.00
100 - 150 ft depth	L.F.	0	\$	9.10	\$	0.00
Grout-Seal Boreholes, ATV-Track Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	6.70	\$	0.00
50 - 100 ft depth	L.F.	0	\$	9.10	\$	0.00
100 - 150 ft depth	L.F.	0	\$	13.65	\$	0.00
150 - 200 ft depth	L.F.	0	\$	17.85	\$	0.00
Grout-Seal Boreholes, Barge Mounted Equipment						
0 - 50 ft depth	L.F.	0	\$	7.55	\$	0.00
50 - 100 ft depth	L.F.	0	\$	10.05	\$	0.00
100 - 150 ft depth	L.F.	0	\$	15.40	\$	0.00
150 - 200 ft depth	L.F.	0	\$	20.45	\$	0.00
Casing Allowance, Truck Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	7.60	\$	0.00
50 - 100 ft depth	L.F.	0	\$	9.10	\$	0.00
100 - 150 ft depth	L.F.	0	\$	10.90	\$	0.00
Casing Allowance, ATV-Track Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	11.55	\$	0.00
50 - 100 ft depth	L.F.	0	\$	13.95	\$	0.00
100 - 150 ft depth	L.F.	0	\$	16.00	\$	0.00
150 - 200 ft depth	L.F.	0	\$	20.70	\$	0.00
Casing Allowance, Barge Mounted Equipment						
0 - 50 ft depth	L.F.	0	\$	12.86	\$	0.00
50 - 100 ft depth	L.F.	0	\$	15.65	\$	0.00

	Unit	# of Units		Unit Price		Total
100 - 150 ft depth	L.F.	0	\$	17.85	\$	0.00
150 - 200 ft depth	L.F.	0	\$	32.10	\$	0.00
Rock Coring (Structures), Truck Mounted Equipment						
0 - 50 ft deep	L.F.	0	\$	33.60	\$	0.00
50 - 100 ft deep	L.F.	0	\$	45.15	\$	0.00
100 - 150 ft depth	L.F.	0	\$	55.00	\$	0.00
Rock Coring (Structures) (By ATV/Mudbug)						
0 - 50 ft deep	L.F.	0	\$	39.90	\$	0.00
50 - 100 ft deep	L.F.	0	\$	46.95	\$	0.00
100 - 150 ft deep	L.F.	0	\$	60.00	\$	0.00
Rock Coring (Structures), ATV-Track Mounted Equipment						
0 - 50 ft deep	L.F.	0	\$	38.30	\$	0.00
50 - 100 ft deep	L.F.	0	\$	51.00	\$	0.00
100 - 150 ft deep	L.F.	0	\$	70.00	\$	0.00
Rock Coring (Structures), Barge Mounted Eq						
0 - 50 ft deep	L.F.	0	\$	42.75	\$	0.00
50 - 100 ft deep	L.F.	0	\$	56.70	\$	0.00
100 - 150 ft deep	L.F.	0	\$	75.00	\$	0.00
Field Permeability Tests	Test	0	\$	262.00	\$	0.00
Flagmen & Barricades (2 man crew)	Day	0	\$	829.00	\$	0.00
Florida Patrolmen (Traffic Control)	Hour	0	\$	34.30	\$	0.00
Arrow Rental Sign	Day	0	\$	69.30	\$	0.00
Auger Borings	L.F.	0	\$	9.25	\$	0.00
Extra Split Spoon Samples	Each	0	\$	35.95	\$	0.00
Hand Muck Probes (2-man crew)	Day	0	\$	550.00	\$	0.00
Thin Walled Shelby Tube Samples (Land)	Each	0	\$	125.00	\$	0.00
2-Inch Piezometer Installation	L.F.	0	\$	36.00	\$	0.00
Standby/Decontamination Drill Rig & Crew	Hour	0	\$	189.00	\$	0.00
Clearing Operations (Heavy Equipment)	Day	0	\$	2,500.00	\$	0.00
Clearing Operations (Light TEquipment)	Day	0	\$	1,250.00	\$	0.00
Double Ring Infiltration Test	Test	0	\$	400.00	\$	0.00
Organic Vapor Analyzer (OVA)	Day	0	\$	220.50	\$	0.00
Power Auger Boring (Includes Decon, 25 ft)	L.F.	0	\$	11.55	\$	0.00
Pavement Cores, Asphalt	Each	0	\$	100.00	\$	0.00
Concrete Cores	Each	0	\$	125.00	\$	0.00
II. LABORATORY TESTING						
Visual Examination/Stratify, 1 set = 5 feet	Per Set	0	\$	3.65	\$	0.00
Natural Moisture Content Tests	Test	0	\$	10.00	\$	0.00
Grain-Size Analysis - Full Gradation	Test	0	\$	60.00	\$	0.00
Grain-Size Analysis - Single Sieve	Test	0	\$	35.00	\$	0.00
Organic Content Tests	Test	0	\$	35.00	\$	0.00
Atterberg Limit Tests	Test	0	\$	85.00	\$	0.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	0	\$	130.00	\$	0.00
Unit Weight Determination	Test	0	\$	39.35	\$	0.00
Consolidation Tests	Test	0	\$	393.00	\$	0.00
(a) Each additional load increment above 4TSF	Each	0	\$	25.20	\$	0.00
Specific Gravity	Test	0	\$	56.70	\$	0.00
Triaxial Shear Tests (3 Points)	Test	0	\$	336.00	\$	0.00
Rock Compression Test	Test	0	\$	105.00	\$	0.00
Split Tension Test	Test	0	\$	105.00	\$	0.00

Tierra Project No. 6511-10-345

Exhibit A
Pinellas County
TIERRA, INC
UNIT FEE SCHEDULE

General Engineering Consultant
Pinellas County

	Unit	# of Units		Unit Price		Total
LBR Test	Test	0	\$	300.00	\$	0.00
Permeability Test, Granular Soils	Test	0	\$	170.00	\$	0.00
Grain-Size with Hydrometer	Test	0	\$	110.00	\$	0.00
Proctor Test (a) Modified	Test	0	\$	110.00	\$	0.00
(b) Standard	Test	0	\$	105.00	\$	0.00
Concrete Compression, Test Only	Test	0	\$	10.00	\$	0.00
Chloride Testing, Saltwater Intrusion	Test	0	\$	150.00	\$	0.00
Petrographic Testing	Test	0	\$	1,000.00	\$	0.00
Swell Test	Test	0	\$	157.50	\$	0.00
Sample Preparation, Samples from Others	Hour	0	\$	65.00	\$	0.00
Direct Shear Strength Test (1 Point)	Test	0	\$	262.50	\$	0.00
Soil Cement Mix Designs	Each	0	\$	1020.00	\$	0.00
pH Test	Test	0	\$	27.70	\$	0.00
Fines Content	Test	0	\$	42.00	\$	0.00
Extrusion of UD	Test	0	\$	27.55	\$	0.00
Bitumen Extraction	Test	0	\$	110.00	\$	0.00
Bitumen Gradation	Test	0	\$	110.00	\$	0.00

III. FIELD ENGINEERING AND TECHNICAL SERVICES

Site Recon./Utility Coordination/Traffic Control						
Sr. Engineering Technician	Hour	0	\$	65.00	\$	0.00
Engineering Technician	Hour	0	\$	45.00	\$	0.00

IIIA. ENGINEERING AND TECHNICAL SERVICES

1 Project Manager	Hour	0	\$	140.00	\$	0.00
Senior Project Engineer	Hour	0	\$	125.00	\$	0.00
Senior Specialist	Hour	0	\$	100.00	\$	0.00
Project Engineer	Hour	0	\$	105.00	\$	0.00
Engineering Intern	Hour	0	\$	90.00	\$	0.00
Computer Technician	Hour	0	\$	70.00	\$	0.00
Sr Engineering Technician	Hour	0	\$	65.00	\$	0.00
Engineering Technician	Hour	0	\$	45.00	\$	0.00
Secretary/Clerical	Hour	0	\$	50.00	\$	0.00

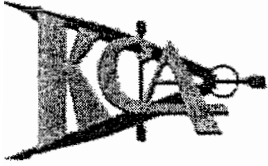


EXHIBIT "A"

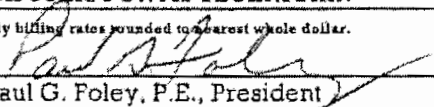
KISINGER CAMPO & ASSOCIATES CORP.

PINELLAS COUNTY PUBLIC WORKS DEPARTMENT
ROADWAYS, DRAINAGE, STRUCTURAL, SITE AND
TRAFFIC ENGINEERING CONSULTING SERVICES PROJECT

RFP #090-0348-CN (AM)
HOURLY BILLING RATES

PERSONNEL CLASSIFICATION	2010 HOURLY BILLING RATES*
PROGRAM MANAGER	N/C
PROJECT MANAGER	\$ 156.00
CHIEF ENGINEER	\$ 189.00
SENIOR ENGINEER	\$ 166.00
PROJECT ENGINEER	\$ 124.00
ENGINEER	\$ 105.00
ENGINEERING INTERN	\$ 88.00
DESIGNER	\$ 92.00
CADD OPERATOR/TECHNICIAN	\$ 57.00
CLERICAL	\$ 55.00
CEI - SENIOR PROJECT ENGINEER	\$ 165.00
CEI - PROJECT ADMINISTRATOR	\$ 112.00
CEI - SENIOR INSPECTOR	\$ 83.00
CEI - INSPECTOR	\$ 68.00
GIS/ASSET MANAGEMENT-TECHNICIAN	\$ 62.00
CHIEF SCIENTIST	\$ 146.00
SENIOR SCIENTIST	\$ 99.00
CERTIFIED BRIDGE INSPECTOR	\$ 91.00
COMPUTER/PONTIS TECHNICIAN	\$ 70.00

*Hourly billing rates rounded to nearest whole dollar.


Paul G. Foley, P.E., President

November 15, 2010



DRIGGERS ENGINEERING SERVICES INCORPORATED
Geotechnical Engineering & Construction Materials Testing

EXHIBIT "A"

DRIGGERS ENGINEERING SERVICES, INC.

GEOTECHNICAL SERVICES

UNIT FEE SCHEDULE
NOVEMBER, 2010

1.0 ENGINEERING AND PROFESSIONAL SERVICES		
ITEM	DESCRIPTION	UNIT FEE
1.1	Project Engineer	\$ 140.00/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	55.00/Hr.
1.6	Laboratory Director	95.00/Hr.

Sarasota

Phone: 941.371.3949
Fax: 941.371.8962
saroffice@driggers-eng.com

Clearwater

12220 49th Street North • Clearwater, Florida 33762
Phone: 727.571.1313 • Fax: 727.572.4090
clwoffice@driggers-eng.com

Tampa

Phone: 813.948.6027
Fax: 813.948.7645
tpaoffice@driggers-eng.com

2.0 DRILLING SERVICES		
ITEM	DESCRIPTION	UNIT FEE
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)	250.00/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])	320.00/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	13.75/LF
iii.	Cemented Soil (N>50)	13.75/LF
2.5.2	50-100 Feet	
i.	Soil	14.50/LF
ii.	Rock	16.00/LF
iii.	Cemented Soil (N>50)	16.00/LF
2.5.3	100-150 Feet	
i.	Soil	20.00/LF
ii.	Rock	25.00/LF
iii.	Cemented Soil (N>50)	25.00/LF
2.5.4	150-200 Feet	
i.	Soil	30.00/LF
ii.	Rock	35.00/LF
iii.	Cemented Soil (N>50)	35.00/LF

2.6	Track-Mounted Drill Unit	
2.6.1	0-50 Feet	
i.	Soil	\$ 17.50/LF
ii.	Rock	20.50/LF
iii.	Cemented Soil (N>50)	20.50/LF
2.6.2	50-100 Feet	
i.	Soil	21.00/LF
ii.	Rock	24.00/LF
iii.	Cemented Soil (N>50)	24.00/LF
2.6.3	100-150 Feet	
i.	Soil	30.00/LF
ii.	Rock	37.50/LF
iii.	Cemented Soil (N>50)	37.50/LF
2.6.4	150-200 Feet	
i.	Soil	45.00/LF
ii.	Rock	52.50/LF
iii.	Cemented Soil (N>50)	52.50/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)	100.00 Ea.
2.9	Grouting of Boreholes per SWFWMD Regulations	4.00/LF
2.10	Rock Coring	
2.10.1	NX Size (approximately 2 1/8")	55.00/LF
2.10.2	2 3/4" Diameter	65.00/LF
2.11	Temporary Casing (only if needed)	
2.11.1	4"	6.25/LF
2.11.2	6"	10.00/LF
2.12	Patch Borehole in Asphalt or Concrete	75.00 Ea.
2.13	Hand Auger Boring	9.50/LF
2.14	Hand-Cone Penetrometer	1.50/LF
2.15	Double-Ring Infiltration Test (Local and Depth <3 Feet) (ASTM D3385)	475.00 Ea.

3.0 LABORATORY GEOTECHNICAL TESTING		
ITEM	DESCRIPTION	UNIT FEE
3.1	Grainsize Analysis (ASTM D422-92)	\$30.00 Ea.
3.2	Hydrometer of Soil (ASTM D422-92)	125.00 Ea.
3.3	Organic Content (FM 1T-267)	30.00 Ea.
3.4	Atterberg Limit (Plastic and Liquid) (ASTM D43-18-87)	60.00 Ea.
3.5	Corrosivity Series (Resistivity, pH, SO ₄ , CL) (FDOT Method)	250.00 Ea.
3.6	Consolidation Test	300.00 Ea.
3.7	Laboratory Permeability on Sand (ASTM D-2434-74)	175.00 Ea.
3.8	Constant Head Permeability (ASTM D2434-74)	200.00 Ea.
3.9	Permeability with Back Pressure Saturation (ASTM D-5084-90)	350.00 Ea.
3.10	Unconfined Compression Test	150.00 Ea.
3.11	Split-Tensile Test	100.00 Ea.
3.12	Triaxial Compression Test	
	3.12.1 Unconsolidated - Undrained	150.00/Test
	3.12.2 Consolidated - Undrained	300.00/Test
	3.12.3 Consolidated - Undrained with Pore Pressure Measurements	450.00/Test
3.13	Specific Gravity of Soil (ASTM D-854-92)	30.00 Ea.
3.14	Limerock Bearing Ratio (FM 5-515)	270.00 Ea.

4.0 PILING INSPECTION		
ITEM	DESCRIPTION	UNIT FEE
4.1	Inspection of Auger-Cast, Drilled Shaft or Driven Pile (Minimum Charge of 8 Hours Per Day)	\$ 60.00 Hr.
4.2	Pile Compressive Load Test (ASTM D1143)*	1,800.00 Ea.
4.3	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.

NOTES

1. Geotechnical, drilling and special testing services required by client on an overtime basis (in excess of 8 hours per day, Saturday, Sunday or Holidays) will be charged the quoted rate x 1.2.
2. Fees for other services provided by **DRIGGERS ENGINEERING SERVICES, INC.** will be supplied upon request.
3. All hourly rates are charged portal to portal.
4. Three (3) report copies will be provided by **DRIGGERS ENGINEERING SERVICES, INC.**



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 (Billing Rates)

Field Support

<u>Job Classification</u>	<u>3-Person Crew</u>	<u>4-Person Crew</u>	<u>5-Person Crew</u>
Hourly Crew Rates:	\$ 132.26	\$ 159.82	\$ 187.37
Daily Crew Rates:	\$1,058.12	\$1,278.53	\$1,498.94

Office Support

<u>Job Classification</u>	<u>Hourly Billing Rates</u>
Senior Surveyor / Mapper	\$ 110.84
Surveyor / Mapper	\$ 102.37
Field Supervisor	\$ 102.08
Survey Technician	\$ 91.09
Secretary / Clerical	\$ 56.64

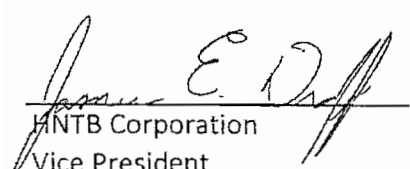
Branch Office
340 – B East New York Avenue Deland, FL 32724 Tel: (386) 736-1030 Fax: (386) 736-4870

SCHEDULE OF RATES

Exhibit "A"

Pinellas County Public Works Department Roadways, Drainage, Structural, Site,
and Traffic Engineering Consulting Services

Classification	2010 Billable Rate
Principal	\$235.00
Sr. Project Manager	\$220.00
Project Manager	\$184.00
Chief Engineer	\$182.00
Senior Engineer	\$148.00
Project Engineer	\$125.00
Engineer	\$100.00
Senior Technician	\$112.00
Technician	\$82.00
Contract Coordinator	\$79.00
Secretary/Clerical	\$54.00


HNTB Corporation
Vice President

11/12/10
Date

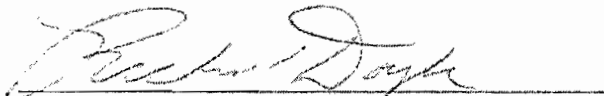
HNTB

RTDGroup
1957 Arrowhead Drive N.E.
Suite 200
St. Petersburg, Florida 33703

EXHIBIT A
RFP #090-0348-CN (AM)

SCHEDULE OF RATE VALUES

JOB CLASS	MULTIPLIED RATE
Chief Engineer	\$174.22
Appraiser	\$106.60
Project Manager	\$ 86.03
Contract Administrator	\$ 72.06
Contract Administrator	\$ 96.34


Richard T. Doyle, President
RTD Group LLC
November 11, 2010

rdoyle@rtdgroup.us
727-430-3552
727-521-3822 (Fax)
www.rtdgroup.us

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: November 15, 2010

Loaded Hourly Salary Rates

Period of Service: November 15, 2010 thru December 31, 2012

Pinellas County Public Works

Roadway, Structural, Civil, and Traffic Consulting Services

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

Project Manager	\$180.20
Chief Engineer	\$204.60
Senior Engineer	\$166.99
Project Engineer	\$121.22
Engineer	\$105.39
Technician/Designer	\$65.19
Senior Planner	\$156.46
Planner	\$96.22
Certified Bridge Inspector	\$108.50
Chief Scientist	\$152.02
Senior Utility Coordinator	\$117.58
Clerical	\$60.85

Sub-Consultants:

Adams Traffic , Inc.

Senior Traffic Engineer	\$156.49
Engineering Technician	\$58.68
Clerical	\$52.13

Cardno TBE, Inc.

Designer	\$64.00 - \$110.00
Director	\$165.00 - \$255.00
Draftsperson	\$46.00 - \$95.00
Field Technician	\$64.00 - \$110.00
Planner	\$80.00 - \$145.00
Principal	\$170.00 - \$274.00
Project Engineer	\$90.00 - \$170.00
Project Manager	\$120.00 - \$240.00
Senior Designer	\$85.00 - \$137.00
Senior Engineer	\$105.00 - \$190.00
Staff Engineer	\$80.00 - \$ 145.00
Technician	\$55.00 - \$95.00
Technical/Admin. Assistant	\$40.00 - \$82.00

Cumbev & 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

L.A. Design, Inc.

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

Mason Blau & Associates, Inc.

Principal	\$150.00
Architect	\$125.00
Project Manager	\$100.00
Construction Administrator	\$100.00
Senior Designer	\$80.00
Junior Designer	\$70.00
Clerical	\$55.00
Student	\$45.00

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

Tierra, Inc.

Project Manager	\$140.00
Senior Project Engineer	\$125.00
Senior Specialist	\$100.00
Project Engineer	\$105.00
Engineering Intern	\$90.00
Computer Technician	\$70.00
Sr. Engineering Technician	\$65.00
Engineering Technician	\$45.00
Clerical	\$50.00



The Heimburg Group, Inc.
Engineering Solutions

Pinellas County Public Works
Attn: Ms. Jan R. Herbst, PE
440 Court Street
Clearwater, FL 33756

November 15, 2010

Reference: Roadways, Drainage, Structural, Civil and Traffic Engineering Consulting Services
Proposal Number 090-0348-CN (AM)
2010 Billable Rates

Dear Ms. Herbst:

Below are the 2010 Billable Rates for The Heimburg Group, Inc. and our subconsultants, Garrett Engineering Group, Inc. American Quality Consultants, URS Corporation and Tierra, Inc., using the FDOT job classifications.

Exhibit A

The Heimburg Group, Inc.	
Job Classification	Billable Rate (\$/hour)
Chief Engineer	\$ 184
Engineer	\$ 100
Engineer Intern	\$ 83
Project Engineer	\$ 116
Project Manager	\$180
Secretary/Clerical	\$ 55
Senior Engineer	\$ 158
Senior Project Engineer	\$ 130

Garrett Engineering Group, Inc.	
Job Classification	Billable Rate (\$/hour)
Engineer Technician	\$ 80
Secretary/Clerical	\$ 54
Senior Engineer	\$ 157

American Quality Consultants	
Job Classification	Billable Rate (\$/hour)
CADD Technician	\$ 75
Designer	\$ 100
Engineer	\$ 105
Engineer Intern	\$ 85
Project Manager	\$ 175
Secretary/Clerical	\$ 60
Senior Engineer	\$ 155
Senior Engineer Technician	\$ 80

URS Corporation Southern	
Job Classification	Billable Rate (\$/hour)
Engineer Intern	\$ 70
Field Technician	\$ 65
Landscape Architect	\$ 95
Landscape Architect Intern	\$ 75
Project Engineer	\$ 95
Project Environmental Scientist	\$ 105
Project Structural Engineer	\$ 120
Project Surveyor & Mapper	\$ 105
Secretary/Clerical	\$ 70
Senior Engineer	\$ 130
Senior Environmental Scientist	\$ 130
Senior Landscape Architect	\$ 135
Senior Structural Engineer	\$ 150
Senior Surveyor & Mapper	\$ 125
Structural Engineer Intern	\$ 90
Survey Intern	\$ 75
Survey Instrument Man	\$ 42
Survey Party Chief	\$ 62
Survey Rod Man/Chain Man	\$ 34
Survey Technician	\$ 75

Tierra, Inc.	
Job Classification	Billable Rate (\$/hour)
See Attached Sheets	

The above billable rates do not include expenses for a project. Should you have any additional questions or need additional information please call me at 813.749.0823 or on my cell at 727.534.4701. We look forward to providing Pinellas County with services for this contract.

Sincerely,

The Heimburg Group, Inc.


Lisa Heimburg, PE
President

per talk with L. S. Heimburg
12/10/10 all local expenses and
included in the hourly rate
additional expenses only pertain to
such things as travel outside of
area or rental of a building for
public meeting etc.
J. J. Jans
12/10/10

	Unit	# of Units	Unit Price		Total
I. FIELD INVESTIGATION					
Mobilization of Men and Equipment					
Truck-Mounted Equipment	Trip	0	\$	315.00	\$ 0.00
Specialized ATV/Track	Trip	0	\$	630.00	\$ 0.00
Support Vehicle	Trip	0	\$	141.00	\$ 0.00
Cone Penetrometer Equipment	Trip	0	\$	330.00	\$ 0.00
Barge-Mounted Equipment	Trip	0	\$	6930.00	\$ 0.00
Tug with Barge Equipment	Day	0	\$	2500.00	\$ 0.00
Safety Boat	Day	0	\$	550.00	\$ 0.00
Standard Penetration Test Borings, Truck Mounted Equipment					
Land: 0 - 50 ft depth	L.F.	0	\$	11.50	\$ 0.00
50 - 100 ft depth	L.F.	0	\$	15.20	\$ 0.00
100 - 150 ft depth	L.F.	0	\$	27.80	\$ 0.00
150 - 200 ft depth	L.F.	0	\$	42.00	\$ 0.00
Standard Penetration Test Borings, ATV-Track Mounted Equipment					
Land: 0 - 50 ft depth	L.F.	0	\$	17.00	\$ 0.00
50 - 100 ft depth	L.F.	0	\$	22.90	\$ 0.00
100 - 150 ft depth	L.F.	0	\$	27.55	\$ 0.00
Standard Penetration Test Borings, Barge Mounted Equipment					
0 - 50 ft depth	L.F.	0	\$	19.15	\$ 0.00
50 - 100 ft depth	L.F.	0	\$	25.70	\$ 0.00
100 - 150 ft depth	L.F.	0	\$	47.40	\$ 0.00
Grout-Seal Boreholes, Truck Mounted Equipment					
Land: 0 - 50 ft depth	L.F.	0	\$	4.70	\$ 0.00
50 - 100 ft depth	L.F.	0	\$	6.20	\$ 0.00
100 - 150 ft depth	L.F.	0	\$	9.10	\$ 0.00
Grout-Seal Boreholes, ATV-Track Mounted Equipment					
Land: 0 - 50 ft depth	L.F.	0	\$	6.70	\$ 0.00
50 - 100 ft depth	L.F.	0	\$	9.10	\$ 0.00
100 - 150 ft depth	L.F.	0	\$	13.65	\$ 0.00
150 - 200 ft depth	L.F.	0	\$	17.85	\$ 0.00
Grout-Seal Boreholes, Barge Mounted Equipment					
0 - 50 ft depth	L.F.	0	\$	7.55	\$ 0.00
50 - 100 ft depth	L.F.	0	\$	10.05	\$ 0.00
100 - 150 ft depth	L.F.	0	\$	15.40	\$ 0.00
150 - 200 ft depth	L.F.	0	\$	20.45	\$ 0.00
Casing Allowance, Truck Mounted Equipment					
Land: 0 - 50 ft depth	L.F.	0	\$	7.60	\$ 0.00
50 - 100 ft depth	L.F.	0	\$	9.10	\$ 0.00
100 - 150 ft depth	L.F.	0	\$	10.90	\$ 0.00
Casing Allowance, ATV-Track Mounted Equipment					
Land: 0 - 50 ft depth	L.F.	0	\$	11.55	\$ 0.00
50 - 100 ft depth	L.F.	0	\$	13.95	\$ 0.00
100 - 150 ft depth	L.F.	0	\$	16.00	\$ 0.00
150 - 200 ft depth	L.F.	0	\$	20.70	\$ 0.00
Casing Allowance, Barge Mounted Equipment					
0 - 50 ft depth	L.F.	0	\$	12.86	\$ 0.00
50 - 100 ft depth	L.F.	0	\$	15.65	\$ 0.00

	Unit	# of Units	Unit Price	Total
100 - 150 ft depth	L.F.	0	17.85 \$	0.00
150 - 200 ft depth	L.F.	0	32.10 \$	0.00
Rock Coring (Structures), Truck Mounted Equipment				
0 - 50 ft deep	L.F.	0	33.60 \$	0.00
50 - 100 ft deep	L.F.	0	45.15 \$	0.00
100 - 150 ft depth	L.F.	0	55.00 \$	0.00
Rock Coring (Structures) (By ATV/Mudbug)				
0 - 50 ft deep	L.F.	0	39.90 \$	0.00
50 - 100 ft deep	L.F.	0	46.95 \$	0.00
100 - 150 ft deep	L.F.	0	60.00 \$	0.00
Rock Coring (Structures), ATV-Track Mounted Equipment				
0 - 50 ft deep	L.F.	0	38.30 \$	0.00
50 - 100 ft deep	L.F.	0	51.00 \$	0.00
100 - 150 ft deep	L.F.	0	70.00 \$	0.00
Rock Coring (Structures), Barge Mounted Eq				
0 - 50 ft deep	L.F.	0	42.75 \$	0.00
50 - 100 ft deep	L.F.	0	56.70 \$	0.00
100 - 150 ft deep	L.F.	0	75.00 \$	0.00
Field Permeability Tests	Test	0	262.00 \$	0.00
Flagmen & Barricades (2 man crew)	Day	0	829.00 \$	0.00
Florida Patrolmen (Traffic Control)	Hour	0	34.30 \$	0.00
Arrow Rental Sign	Day	0	69.30 \$	0.00
Auger Borings	L.F.	0	9.25 \$	0.00
Extra Split Spoon Samples	Each	0	35.95 \$	0.00
Hand Muck Probes (2-man crew)	Day	0	550.00 \$	0.00
Thin Walled Shelby Tube Samples (Land)	Each	0	125.00 \$	0.00
2-Inch Piezometer Installation	L.F.	0	36.00 \$	0.00
Standby/Decontamination Drill Rig & Crew	Hour	0	189.00 \$	0.00
Clearing Operations (Heavy Equipment)	Day	0	2,500.00 \$	0.00
Clearing Operations (Light TEquipment)	Day	0	1,250.00 \$	0.00
Double Ring Infiltration Test	Test	0	400.00 \$	0.00
Organic Vapor Analyzer (OVA)	Day	0	220.50 \$	0.00
Power Auger Boring (Includes Decon, 25 ft)	L.F.	0	11.55 \$	0.00
Pavement Cores, Asphalt	Each	0	100.00 \$	0.00
Concrete Cores	Each	0	125.00 \$	0.00

II. LABORATORY TESTING

Visual Examination/Stratify, 1 set = 5 feet	Per Set	0	3.65 \$	0.00
Natural Moisture Content Tests	Test	0	10.00 \$	0.00
Grain-Size Analysis - Full Gradation	Test	0	60.00 \$	0.00
Grain-Size Analysis - Single Sieve	Test	0	35.00 \$	0.00
Organic Content Tests	Test	0	35.00 \$	0.00
Atterberg Limit Tests	Test	0	85.00 \$	0.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	0	130.00 \$	0.00
Unit Weight Determination	Test	0	39.35 \$	0.00
Consolidation Tests	Test	0	393.00 \$	0.00
(a) Each additional load increment above 4TSF	Each	0	25.20 \$	0.00
Specific Gravity	Test	0	56.70 \$	0.00
Triaxial Shear Tests (3 Points)	Test	0	336.00 \$	0.00
Rock Compression Test	Test	0	105.00 \$	0.00
Split Tension Test	Test	0	105.00 \$	0.00

	Unit	# of Units		Unit Price		Total
LBR Test	Test	0	\$	300.00	\$	0.00
Permeability Test, Granular Soils	Test	0	\$	170.00	\$	0.00
Grain-Size with Hydrometer	Test	0	\$	110.00	\$	0.00
Proctor Test (a) Modified	Test	0	\$	110.00	\$	0.00
(b) Standard	Test	0	\$	105.00	\$	0.00
Concrete Compression, Test Only	Test	0	\$	10.00	\$	0.00
Chloride Testing, Saltwater Intrusion	Test	0	\$	150.00	\$	0.00
Petrographic Testing	Test	0	\$	1,000.00	\$	0.00
Swell Test	Test	0	\$	157.50	\$	0.00
Sample Preparation, Samples from Others	Hour	0	\$	65.00	\$	0.00
Direct Shear Strength Test (1 Point)	Test	0	\$	262.50	\$	0.00
Soil Cement Mix Designs	Each	0	\$	1020.00	\$	0.00
pH Test	Test	0	\$	27.70	\$	0.00
Fines Content	Test	0	\$	42.00	\$	0.00
Extrusion of UD	Test	0	\$	27.55	\$	0.00
Bitumen Extraction	Test	0	\$	110.00	\$	0.00
Bitumen Gradation	Test	0	\$	110.00	\$	0.00

III. FIELD ENGINEERING AND TECHNICAL SERVICES

Site Recon./Utility Coordination/Traffic Control

Sr. Engineering Technician	Hour	0	\$	65.00	\$	0.00
Engineering Technician	Hour	0	\$	45.00	\$	0.00

IIIA. ENGINEERING AND TECHNICAL SERVICES

1 Project Manager	Hour	0	\$	140.00	\$	0.00
Senior Project Engineer	Hour	0	\$	125.00	\$	0.00
Senior Specialist	Hour	0	\$	100.00	\$	0.00
Project Engineer	Hour	0	\$	105.00	\$	0.00
Engineering Intern	Hour	0	\$	90.00	\$	0.00
Computer Technician	Hour	0	\$	70.00	\$	0.00
Sr Engineering Technician	Hour	0	\$	65.00	\$	0.00
Engineering Technician	Hour	0	\$	45.00	\$	0.00
Secretary/Clerical	Hour	0	\$	50.00	\$	0.00



Volkert, Inc.

3409 West Lemon Street,
Tampa, FL. 33609

Office: 813.875.1365
Fax: 813.874.7656
tampa@volkert.com

www.volkert.com

Exhibit A

Hourly Rate Schedule

Classification	Rate	Classification	Rate
CEI Senior Project Engineer	\$ 160.00	Engineer	\$ 80.00
CEI Project Administrator	\$ 120.00	Public Information Officer	\$ 80.00
CEI Assist Project Administrator	\$ 100.00	Surveyor & Mapper	\$ 120.00
CEI Senior Inspector	\$ 75.00	Survey Technician	\$ 75.00
CEI Inspector	\$ 60.00	Instrument Man	\$ 50.00
CEI Secretary	\$ 50.00	Rod Man	\$ 40.00
Project Manager	\$ 180.00		
Chief Engineer	\$ 180.00		
Senior Project Engineer	\$ 160.00		
Project Planner	\$ 110.00		
Certified Bridge Inspector	\$ 100.00		
Designer	\$ 90.00		
Senior Engineering Technician	\$ 85.00		

Office Locations:

Birmingham, Foley, Huntsville, Mobile, Alabama • Gainesville, Orlando, Pensacola, Tampa, Florida • Atlanta, Georgia
Collinsville, Illinois • Baton Rouge, Slidell, Louisiana • Biloxi, Mississippi • Jefferson City, Missouri • Raleigh, North Carolina
Chattanooga, Tennessee • Alexandria, Virginia • Washington, D.C.



Exhibit A

Hourly Rate Schedule

Sub-Consultant - GTS Engineering

Classification	Rate
Project Manager	\$ 105.00
Project Engineer	\$ 80.00
CADD Technician	\$ 55.00
Senior Technician	\$ 50.00
Technician	\$ 40.00

Exhibit A

Hourly Rate Schedule

Sub-Consultant - MC Squared, Inc.

Classification	Rate
Chief Engineer	\$ 207.28
Project Manager	\$ 194.51
Project Engineer	\$ 125.70
Engineering Intern	\$ 79.42
Engineering Technician	\$ 44.96
Secretary/Clerical	\$ 65.95

Exhibit A

Hourly Rate Schedule

Sub-Consultant – Scheda Ecological Assoc, Inc.

Classification	Rate
Senior Scientist	\$ 132.17

EXHIBIT A

LAND SURVEY AND MAPPING, SUBSURFACE UTILITY ENGINEERING, UTILITY COORDINATION, AND LANDSCAPE ARCHITECTURE SERVICES

FIRM: TBE GROUP INC., dba CARDNO TBE

Daily Rates(s): Field Surveying and SUE	RATE (8 HOUR DAY)
FIELD SURVEYING (Three (3) Person Survey Team) Includes vehicle, conventional equipment, personnel & all supplies / fuel	\$1,210.96
FIELD SURVEYING (Four (4) Person Survey Team) Includes vehicle, conventional equipment, personnel & all supplies / fuel	\$1,498.16
FIELD SURVEYING (Five (5) Person Survey Team) Includes vehicle, conventional equipment, personnel & all supplies / fuel	\$1,785.36
FIELD SURVEYING (Three (3) Person Survey Team) Includes vehicle, GPS equipment, personnel & all supplies / fuel	\$1,308.96
FIELD SURVEYING (Four (4) Person Survey Team) Includes vehicle, GPS equipment, personnel & all supplies / fuel	\$1,596.16
FIELD SURVEYING (Four (4) Person Survey Hydrographic Team) Includes vehicle, hydro equipment, personnel & all supplies / fuel	\$1,596.16
FIELD SUE (Designation Option - Designating Truck & Crew) Includes vehicle, equipment, personnel & all supplies / fuel	\$1,879.00
FIELD SUE (Designation Option - GPR w/ Geologist & Technician) Includes vehicle, GPR, 250 & 500 Mhz antenna, data processor, personnel & all supplies / fuel	\$ 2,117.00
FIELD SUE (Designation Option - Vac Truck & Crew) Includes vehicle, equipment, personnel & all supplies / fuel	\$2,500.00
FIELD SUE (Location Option - Vac Truck & Crew) Includes vehicle, equipment, personnel & all supplies / fuel	\$2,500.00



Hourly Rates(s): Office Function / Supervision	HOURLY RATE
Principle in Charge	\$ 214.00
Senior Professional Surveyor and Project Manager	\$ 142.30
Professional Surveyor	\$ 115.05
SUE Manager	\$ 103.00
Geologist	\$ 96.00
SUE Supervisor	\$ 84.00
Senior CADD Technician	\$ 77.06
CADD Technician	\$ 71.68
Technical Support	\$ 72.28
Utility Coordination Manager	\$ 155.00
Senior Utility Coordinator	\$ 116.10
Utility Coordinator	\$ 94.00
Registered Landscape Architect	\$ 150.00
Landscape Architect	\$ 100.00
Landscape Designer	\$ 85.00

ICON CONSULTANT GROUP, INC.
SCHEDULE OF CHARGES
FOR
PINELLAS COUNTY PUBLIC WORKS
ROADWAYS, DRAINAGE, STRUCTURAL, SITE AND TRAFFIC
ENGINEERING CONSULTING SERVICES
JANUARY 2010

The compensation to ICON Consultant Group for our professional services shall be measured by the following elements.

1.0 PERSONNEL CHARGES

Charges for employees are as follows:

Project Manager	\$155.00
Chief Engineer	\$145.00
Senior Engineer	\$135.00
Project Engineer	\$115.00
Staff Engineer	\$95.00
Junior Engineer	\$80.00
Senior Designer	\$110.00
Staff Designer	\$75.00
Technician	\$36.00
Clerical	\$35.00

2.0 REIMBURSABLE CHARGES

Reimbursable charges will be negotiated with Pinellas County and included in each work order issued under this contract.

The use of a vehicle will be charged at the approved IRS per mile rate. Mileage charges shall only apply to travel required and authorized by Pinellas County outside the Pinellas County/Hillsborough County area.

EXHIBIT A
Contract 090-0348-CN (AM)



Effective December 1, 2010*

JONES EDMUNDS
STANDARD HOURLY RATES

TITLE	HOURLY RATE
PROJECT OFFICER	\$ 210.25
SR. PROJECT MANAGER (REGISTERED PE or PG or AIA)	\$ 180.50
PM (REGISTERED PE or PG or AIA)	\$ 156.75
PM (NON-REGISTERED)	\$ 133.00
COST ESTIMATOR	\$ 180.50
CHIEF ENGINEER or SCIENTIST or ARCHITECT	\$ 194.75
SR ENGINEER or SCIENTIST or ARCHITECT	\$ 180.50
SR PROJECT ENGINEER or SCIENTIST or ARCHITECT	\$ 161.50
PROJECT ENGINEER or SCIENTIST or ARCHITECT	\$ 118.75
ENGINEER INTERN or GEOLOGIST or HYDROGEOLOGIST or INTERN ARCHITECT	\$ 95.00
DESIGNER (B.S, M.S., or Ph.D. ENGINEERING)	\$ 90.25
SR. ECOLOGIST	\$ 114.00
ECOLOGIST	\$ 85.50
SR. CADD DESIGNER	\$ 109.25
CADD DESIGNER	\$ 90.25
SR. CADD TECHNICIAN	\$ 80.75
CADD TECHNICIAN	\$ 66.50
CADD OPERATOR	\$ 57.00
SENIOR GIS PROGRAMMER/ANALYST	\$ 109.25
GIS PROGRAMMER/ANALYST	\$ 99.75
SR. GIS ANALYST	\$ 90.25
GIS ANALYST	\$ 80.75
SR. GIS TECHNICIAN	\$ 71.25
GIS TECHNICIAN	\$ 61.75
SENIOR DATABASE ADMINISTRATOR	\$ 128.25
DATABASE ADMINISTRATOR	\$ 104.50
ENVIRONMENTAL DATA ANALYST	\$ 85.50
SR FIELD TECHNICIAN ENVIRONMENTAL	\$ 85.50
FIELD TECHNICIAN ENVIRONMENTAL	\$ 76.00
SR CONSTRUCTION ADMINISTRATOR	\$ 128.25
CONSTRUCTION ADMINISTRATOR	\$ 109.25
SR FIELD REPRESENTATIVE CONSTRUCTION	\$ 95.00
FIELD REPRESENTATIVE CONSTRUCTION	\$ 80.75
JR. FIELD REPRESENTATIVE CONSTRUCTION	\$ 71.25
RESIDENT OBSERVER	\$ 104.50
CONSTRUCTION PROJECT COORDINATOR	\$ 66.50
SR. ADMINISTRATIVE ASSISTANT	\$ 76.00
ADMINISTRATIVE ASSISTANT	\$ 64.60
GRAPHICS TECHNICIAN	\$ 71.25

DIRECT PROJECT EXPENSES

Travel -Outside of Tampa Bay Statistical Area - Reimbursed in accordance with FL Statutes

DRIGGERS ENGINEERING SERVICES, INC.

GEOTECHNICAL SERVICES

UNIT FEE SCHEDULE

NOVEMBER, 2010

1.0 ENGINEERING AND PROFESSIONAL SERVICES		
ITEM	DESCRIPTION	UNIT FEE
1.1	Project Engineer	\$ 140.00/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	55.00/Hr.
1.6	Laboratory Director	95.00/Hr.

Sarasota
 Phone: 941.371.3949
 Fax: 941.371.8962
 saroffice@driggers-eng.com

Clearwater
 12220 49th Street North • Clearwater, Florida 33762
 Phone: 727.571.1313 • Fax: 727.572.4090
 clwoffice@driggers-eng.com

Tampa
 Phone: 813.948.6027
 Fax: 813.948.7645
 tpaoffice@driggers-eng.com

2.0 DRILLING SERVICES		
ITEM	DESCRIPTION	UNIT FEE
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)	250.00/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])	320.00/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	13.75/LF
	iii. Cemented Soil (N>50)	13.75/LF
	2.5.2 50-100 Feet	
	i. Soil	14.50/LF
	ii. Rock	16.00/LF
	iii. Cemented Soil (N>50)	16.00/LF
	2.5.3 100-150 Feet	
	i. Soil	20.00/LF
	ii. Rock	25.00/LF
	iii. Cemented Soil (N>50)	25.00/LF
	2.5.4 150-200 Feet	
	i. Soil	30.00/LF
	ii. Rock	35.00/LF
	iii. Cemented Soil (N>50)	35.00/LF

2.6	Track-Mounted Drill Unit	
2.6.1	0-50 Feet	
i.	Soil	\$ 17.50/LF
ii.	Rock	20.50/LF
iii.	Cemented Soil (N>50)	20.50/LF
2.6.2	50-100 Feet	
i.	Soil	21.00/LF
ii.	Rock	24.00/LF
iii.	Cemented Soil (N>50)	24.00/LF
2.6.3	100-150 Feet	
i.	Soil	30.00/LF
ii.	Rock	37.50/LF
iii.	Cemented Soil (N>50)	37.50/LF
2.6.4	150-200 Feet	
i.	Soil	45.00/LF
ii.	Rock	52.50/LF
iii.	Cemented Soil (N>50)	52.50/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)	100.00 Ea.
2.9	Grouting of Boreholes per SWFWMD Regulations	4.00/LF
2.10	Rock Coring	
2.10.1	NX Size (approximately 2 1/8")	55.00/LF
2.10.2	2 1/4" Diameter	65.00/LF
2.11	Temporary Casing (only if needed)	
2.11.1	4"	6.25/LF
2.11.2	6"	10.00/LF
2.12	Patch Borehole in Asphalt or Concrete	75.00 Ea.
2.13	Hand Auger Boring	9.50/LF
2.14	Hand Cone Penetrometer	1.50/LF
2.15	Double-Ring Infiltration Test (Local and Depth <3 Feet) (ASTM D3385)	475.00 Ea.

3.0 LABORATORY GEOTECHNICAL TESTING		
ITEM	DESCRIPTION	UNIT FEE
3.1	Grainsize Analysis (ASTM D422-92)	\$30.00 Ea.
3.2	Hydrometer of Soil (ASTM D422-92)	125.00 Ea.
3.3	Organic Content (FM IT-267)	30.00 Ea.
3.4	Atterberg Limit (Plastic and Liquid) (ASTM D43-18-87)	60.00 Ea.
3.5	Corrosivity Series (Resistivity, pH, SO ₄ , CL) (FDOT Method)	250.00 Ea.
3.6	Consolidation Test	300.00 Ea.
3.7	Laboratory Permeability on Sand (ASTM D-2434-74)	175.00 Ea.
3.8	Constant Head Permeability (ASTM D2434-74)	200.00 Ea.
3.9	Permeability with Back Pressure Saturation (ASTM D-5084-90)	350.00 Ea.
3.10	Unconfined Compression Test	150.00 Ea.
3.11	Split-Tensile Test	100.00 Ea.
3.12	Triaxial Compression Test	
	3.12.1 Unconsolidated - Undrained	150.00/Test
	3.12.2 Consolidated - Undrained	300.00/Test
	3.12.3 Consolidated - Undrained with Pore Pressure Measurements	450.00/Test
3.13	Specific Gravity of Soil (ASTM D-854-92)	30.00 Ea.
3.14	Limerock Bearing Ratio (FM 5-515)	270.00 Ea.

4.0 PILING INSPECTION		
ITEM	DESCRIPTION	UNIT FEE
4.1	Inspection of Auger-Cast, Drilled Shaft or Driven Pile (Minimum Charge of 8 Hours Per Day)	\$ 60.00 Hr.
4.2	Pile Compressive Load Test (ASTM D1143)*	1,800.00 Ea.
4.3	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.

NOTES

1. Geotechnical, drilling and special testing services required by client on an overtime basis (in excess of 8 hours per day, Saturday, Sunday or Holidays) will be charged the quoted rate x 1.2.
2. Fees for other services provided by **DRIGGERS ENGINEERING SERVICES, INC.** will be supplied upon request.
3. All hourly rates are charged portal to portal.
4. Three (3) report copies will be provided by **DRIGGERS ENGINEERING SERVICES, INC.**

Faller, Davis & Associates, Inc.
CONSULTING ENGINEERS

PINELLAS COUNTY PUBLIC WORKS
RFP #090-03-48-CN (AM)

EXHIBIT A

SCHEDULE OF RATE VALUES
TRAFFIC STUDIES – 2010

Project Manager	\$175.00
Senior Engineer	\$165.00
Project Engineer	\$124.00
Engineer	\$79.00
Sr. Engineering Technician	\$84.00
Secretary / Clerical	\$59.00

EXHIBIT A

Fee Schedule

Janicki Environmental, Inc.

Pinellas County RFP #090-0348-CN (AM)

Roadways, Drainage, Structural Site, and Traffic Engineering Consulting Services

Labor Classification	Hourly Billing Rate
Principal Scientist	\$150
Senior Scientist	\$90
Scientist	\$75
Support Staff	\$55

ATTACHMENT A
HDR Engineering, Inc.
Schedule of Rate Values

Roadways, Drainage, Structural, Site and Traffic Engineering Consulting Services

RFP #090-0348-CN (AM)

Job Classification	2010 Proposed Loaded Rate	Justification
Senior Project Manager/Principal	\$ 225.00	Current
Chief Engineer	\$ 200.00	Current
Chief Planner	\$ 195.00	Specialized Skills for Transit Oriented Development
Project Manager	\$ 190.00	Current
Senior Engineer	\$ 167.00	< 75% Quartile (District 7)
QC Manager	\$ 162.00	Skill set simialar to PM and Senior Engineer, Plans Review Specialist
Railroad Coordinator	\$ 155.00	Specialized Skills for Railroad, Limited Staff Quantity
Senior Planner	\$ 152.00	< 75% Quartile (District 7)
Chief Scientist	\$ 146.00	< 75% Quartile (District 7)
Project Engineer II	\$ 144.00	5-10 years Post Registration
Appraiser	\$ 140.00	< 75% Quartile (District 7)
Multimedia Specialist	\$ 140.00	Radio/TV Advertising, Video Rendering, 3D Computer Modeling
Senior Designer	\$ 130.00	Current
Project Engineer	\$ 122.00	< 75% Quartile (District 7)
Landscape Architect	\$ 119.00	< Current
Senior Utility Coordinator	\$ 115.00	Current
Construction Project Administrator	\$ 112.00	Current
Senior Scientist	\$ 109.00	< 75% Quartile (District 7)
Designer	\$ 101.00	< Current
Senior Accountant	\$ 98.00	< 75% Quartile (Statewide)
Engineering Intern	\$ 90.00	< 75% Quartile (District 7)
GIS Specialist	\$ 85.00	Current
Senior Engineering Technician	\$ 77.00	< 75% Quartile (District 7)
Contract Coordinator	\$ 74.00	< 75% Quartile (District 7)
Inspector	\$ 66.00	< 75% Quartile (District 7)
Secretary/Clerical	\$ 64.00	< Current
Engineering Technician	\$ 60.00	< Current



Exhibit A

Wage Rate Schedule

for

**Roadways, Drainage, Structural, Site,
and Traffic Engineering Consulting
Services - RFP 090-0348-CN (AM)**

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrim.com



**Wade Trim Billing Rate Schedule
Transportation (South)
Effective January 2010**

Labor Cost Classification Code	Title	Rate Per Hour
236, 336	Professional Engineer III	\$170.00
235, 335	Professional Engineer II	\$130.00
234, 334	Professional Engineer I	\$90.00
233, 333	Engineer III	\$140.00
232	Engineer II	\$90.00
231	Engineer I	\$70.00
246, 346	Professional Planner III	\$140.00
245, 345	Professional Planner II	\$110.00
244, 344	Professional Planner I	\$90.00
243, 343	Planner III	\$100.00
242	Planner II	\$80.00
241	Planner I	\$65.00
256, 356	Prof. Landscape Architect III	\$150.00
255, 355	Prof. Landscape Architect II	\$125.00
254, 354	Prof. Landscape Architect I	\$100.00
253, 353	Landscape Architect III	\$95.00
252	Landscape Architect II	\$70.00
251	Landscape Architect I	\$55.00
266, 366	Professional Scientist III	\$150.00
265, 365	Professional Scientist II	\$125.00
264, 364	Professional Scientist I	\$100.00
263, 363	Scientist III	\$95.00
262	Scientist II	\$70.00
261	Scientist I	\$55.00
286, 386	Professional Surveyor III	\$125.00
285, 385	Professional Surveyor II	\$110.00
284, 384	Professional Surveyor I	\$90.00
283, 383	Surveyor III	\$95.00
282	Surveyor II	\$75.00
281	Surveyor I	\$65.00
226	Technician VI	\$85.00
225	Technician V	\$70.00
224	Technician IV	\$60.00
223	Technician III	\$50.00
222	Technician II	\$40.00
221	Technician I	\$35.00
203	Senior Principal	\$270.00
202	Principal	\$250.00
201	Senior Professional	\$200.00
216, 316	Administrative Manager	\$150.00
215, 315	Administrative Supervisor II	\$125.00
214, 314	Administrative Supervisor I	\$100.00
213	Project Administrator III	\$90.00
212	Project Administrator II	\$85.00
211	Project Administrator I	\$80.00

Wade Trim, Inc.
Renaissance 5
8745 Henderson Road, Suite 220
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrिम.com





American Acquisition Group, LLC

SCHEDULE OF RATE VALUES

**Loaded Rates
October 2010**

Project Manager	\$137.81
Appraiser	\$109.82
Acquisition Agent	\$104.60
Secretary/Clerical	\$49.18

American Quality Consultants, LLC

SCHEDULE OF RATE VALUES

**Loaded Rates
October 2010**

Project Manager	\$175.00
Senior Engineer	\$140.00-160.00
Engineer	\$105.00
Designer	\$100.00
Engineering Intern	\$85.00
Senior. Eng. Tech.	\$80.00
CADD Tech.	\$75.00
Clerical	\$60.00

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrim.com



BIRKITT
ENVIRONMENTAL
SERVICES, INC.

STANDARD SCHEDULE OF FEES
2010

PERSONNEL

Consultant-Principal	\$185/HR
Senior Consultant	\$159/HR
Project Scientist II	\$107/HR
Project Scientist	\$103/HR
Environmental Specialist/Ecologist III	\$ 86/HR
Environmental Specialist/Ecologist II	\$ 68/HR
Environmental Specialist/Ecologist I	\$ 61/HR
Environmental Technician	\$ 56/HR
Administrative/Accounting Mgr.	\$ 80/HR
Administrative/Accounting Asst.	\$ 65/HR
Administrative Asst. I	\$ 57/HR

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrim.com

Cumbey & Fair, Inc.

SCHEDULE OF RATE VALUES

Loaded Rates

October 2010

Project Manager	\$155.00
Chief Engineer	\$180.00
Senior Engineer	\$145.00
Project Engineer	\$120.00
Engineer	\$105.00
Designer	\$100.00
Senior Engineering Technician	\$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

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrim.com



WADE TRIM

ISO 9001:2000 Registered
FL LC Reg No. C000121



GANNETT FLEMING, INC.
Suite 340
4350 W. Cypress Street
Tampa, FL 33607

Office: (813) 831-8870
Fax: (813) 831-9375
www.gannettfleming.com

November 12, 2010

Lawrence Josephson, PE
Wade Trim
8745 Henderson Road
Suite 220
Tampa, Florida 33634

RE: Schedule of Rates
Roadways, Drainage, Structural, Site, and Traffic Engineering Consulting Services
Pinellas County RFP 090-0348-CN (AM)

Dear Lawrence:

The VANUS Group of Gannett Fleming (VANUS) appreciates the opportunity to join your team for the above-referenced project. Per your request, our Schedule of Rate Values is shown below.

Employee	Classification	Rate	Average Raw Rate	Fully Loaded
Kevin Pollard	CADD/Computer Technician	\$ 19.80	\$ 19.80	\$ 59.40
Robert Casey	CADD/Computer Technician	\$ 19.80		
Fernando Garcia	Designer	\$ 37.30	\$ 34.50	\$ 103.50
Richard Novell	Designer	\$ 31.70		
Nathan Poole	Engineer Intern	\$ 22.80	\$ 23.80	\$ 70.80
Xiaodong Wang	Engineer Intern	\$ 24.80		
Robert Skaggs, PE, PTOE	Project Manager	\$ 63.30	\$ 63.30	\$ 189.90
Karen Dawley	Secretary/Clerical	\$ 16.70	\$ 16.70	\$ 50.10
Clay Sherrod, PE	Senior Engineer	\$ 68.00	\$ 54.73	\$ 164.20
Phuc Duong, PE	Senior Engineer	\$ 42.00		
Vicki Castro, PE, PTOE	Senior Engineer	\$ 52.30		

Please call or email me with any questions.

Sincerely,

VANUS Group of Gannett Fleming, Inc.

Robert Skaggs, PE, PTOE
Traffic/ITS Manager

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrtrim.com



WADE TRIM

ISO 9001:2000 Registered
FL LC Reg No. C000121

Gresham Smith and Partners STANDARD HOURLY RATES & REIMBURSABLE EXPENSES SCHEDULE

Professional Services

The following classifications and associated unit rates are general and will be used as guidelines for the services of professional disciplines offered: They are subject to be updated up to twice annually.

Classification	Rate/Hour
Principal-in-Charge	\$200.00 - \$245.00
Senior Project Manager	\$150.00 - \$225.00
Senior Project Engineer	\$124.00 - \$175.00
Project Manager	\$125.00 - \$175.00
Project Engineer	\$90.00 - \$127.00
Engineer Intern	\$65.00 - \$90.00
Senior Architect	\$110.00 - \$124.00

Technician Services

Classification	Rate/Hour
Civil Designer	\$65.00 - \$125.00
Senior CADD Technician	\$65.00 - \$100.00
Civil Technician	\$65.00 - \$85.00
Administrative Assistant	\$45.00 - \$60.00
CEI Contract Support Specialist	\$45.00 - \$85.00
CEI Project Administrator	\$75.00 - \$120.00
On-site Project Representative	\$65.00 - \$115.00

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrim.com



WADETRIM

ISO 9001:2000 Registered
FL LC Reg No. C000121

TIERRA

November 12, 2010

Wade Trim, Inc.
8745 Henderson Road
Suite 220
Tampa, FL 33634

Attn: Mr. Larry Josephson, P.E.

**RE: Request for Schedule of Rate Values for
Roadways, Drainage, Structural, Site and
Traffic Engineering Consulting Services
Pinellas County Public Works
RFP #090-0348-CN (AM)
Tierra Project No.: 6111-10-345**

Mr. Josephson,

Thank you for the opportunity to join your team for the General Engineering Consultant Contract for Pinellas County.

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 Engineer

7351 Temple Terrace Highway • Tampa, Florida 33637
Phone (813) 989-1354 • Fax (813) 989-1355

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrim.com



WADE TRIM

ISO 9001:2000 Registered
FL LC Reg No. C000121

Tierra Project! No. 6511-10-345

Exhibit A
Pinellas County
TIERRA, INC
UNIT FEE SCHEDULE

General Engineering Consultant
Pinellas County

	Unit	# of Units	Unit Price	Total
I. FIELD INVESTIGATION				
Mobilization of Men and Equipment				
Truck-Mounted Equipment	Trip	0	\$ 315.00	\$ 0.00
Specialized ATV/Track	Trip	0	\$ 630.00	\$ 0.00
Support Vehicle	Trip	0	\$ 141.00	\$ 0.00
Cone Penetrometer Equipment	Trip	0	\$ 330.00	\$ 0.00
Barge-Mounted Equipment	Trip	0	\$ 6930.00	\$ 0.00
Tug with Barge Equipment	Day	0	\$ 2500.00	\$ 0.00
Safety Boat	Day	0	\$ 550.00	\$ 0.00
Standard Penetration Test Borings, Truck Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 11.50	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 15.20	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 27.80	\$ 0.00
150 - 200 ft depth	L.F.	0	\$ 42.00	\$ 0.00
Standard Penetration Test Borings, ATV-Track Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 17.00	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 22.90	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 27.55	\$ 0.00
Standard Penetration Test Borings, Barge Mounted Equipment				
0 - 50 ft depth	L.F.	0	\$ 19.15	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 25.70	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 47.40	\$ 0.00
Grout-Seal Boreholes, Truck Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 4.70	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 6.20	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 9.10	\$ 0.00
Grout-Seal Boreholes, ATV-Track Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 6.70	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 9.10	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 13.65	\$ 0.00
150 - 200 ft depth	L.F.	0	\$ 17.85	\$ 0.00
Grout-Seal Boreholes, Barge Mounted Equipment				
0 - 50 ft depth	L.F.	0	\$ 7.55	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 10.05	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 15.40	\$ 0.00
150 - 200 ft depth	L.F.	0	\$ 20.45	\$ 0.00
Casing Allowance, Truck Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 7.80	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 9.10	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 10.90	\$ 0.00
Casing Allowance, ATV-Track Mounted Equipment				
Land: 0 - 50 ft depth	L.F.	0	\$ 11.55	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 13.95	\$ 0.00
100 - 150 ft depth	L.F.	0	\$ 16.00	\$ 0.00
150 - 200 ft depth	L.F.	0	\$ 20.70	\$ 0.00
Casing Allowance, Barge Mounted Equipment				
0 - 50 ft depth	L.F.	0	\$ 12.88	\$ 0.00
50 - 100 ft depth	L.F.	0	\$ 15.65	\$ 0.00

Page 1 of 3

Project Manager

\$155.00

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrim.com



WADE TRIM

ISO 9001:2000 Registered
FL LC Reg No. C000121

Tierra Project# No. 6511-10-345

Exhibit A
Pinellas County
TIERRA, INC
UNIT FEE SCHEDULE

General Engineering Consultant
Pinellas County

	Unit	# of Units	Unit Price	Total
100 - 150 ft depth	L.F.	0	17.85 \$	0.00
150 - 200 ft depth	L.F.	0	32.10 \$	0.00
Rock Coring (Structures), Truck Mounted Equipment				
0 - 50 ft deep	L.F.	0	33.60 \$	0.00
50 - 100 ft deep	L.F.	0	45.15 \$	0.00
100 - 150 ft depth	L.F.	0	55.00 \$	0.00
Rock Coring (Structures) (By ATV/Mudbug)				
0 - 50 ft deep	L.F.	0	39.00 \$	0.00
50 - 100 ft deep	L.F.	0	48.05 \$	0.00
100 - 150 ft deep	L.F.	0	60.00 \$	0.00
Rock Coring (Structures), ATV-Track Mounted Equipment				
0 - 50 ft deep	L.F.	0	38.30 \$	0.00
50 - 100 ft deep	L.F.	0	51.00 \$	0.00
100 - 150 ft deep	L.F.	0	70.00 \$	0.00
Rock Coring (Structures), Barge Mounted Eq				
0 - 50 ft deep	L.F.	0	42.75 \$	0.00
50 - 100 ft deep	L.F.	0	56.70 \$	0.00
100 - 150 ft deep	L.F.	0	75.00 \$	0.00
Field Permeability Tests	Test	0	262.00 \$	0.00
Flagmen & Barricades (2 man crew)	Day	0	829.00 \$	0.00
Florida Patrolmen (Traffic Control)	Hour	0	34.30 \$	0.00
Arrow Rental Sign	Day	0	69.30 \$	0.00
Auger Borings	L.F.	0	0.25 \$	0.00
Extra Split Spoon Samples	Each	0	35.65 \$	0.00
Hand Muck Probes (2-man crew)	Day	0	550.00 \$	0.00
Thin Walled Shelby Tube Samples (Land)	Each	0	125.00 \$	0.00
2-Inch Piezometer Installation	L.F.	0	36.00 \$	0.00
Standby/Decontamination Drill Rig & Crew	Hour	0	189.00 \$	0.00
Clearing Operations (Heavy Equipment)	Day	0	2,500.00 \$	0.00
Clearing Operations (Light TEquipment)	Day	0	1,250.00 \$	0.00
Double Ring Infiltration Test	Test	0	400.00 \$	0.00
Organic Vapor Analyzer (OVA)	Day	0	220.50 \$	0.00
Power Auger Boring (Includes Decon, 25 ft)	L.F.	0	11.55 \$	0.00
Pavement Cores, Asphalt	Each	0	100.00 \$	0.00
Concrete Cores	Each	0	125.00 \$	0.00
II. LABORATORY TESTING				
Visual Examination/Stratify, 1 set = 5 feet	Per Set	0	3.65 \$	0.00
Natural Moisture Content Tests	Test	0	10.00 \$	0.00
Grain-Size Analysis - Full Gradation	Test	0	60.00 \$	0.00
Grain-Size Analysis - Single Sieve	Test	0	35.00 \$	0.00
Organic Content Tests	Test	0	35.00 \$	0.00
Atterberg Limit Tests	Test	0	85.00 \$	0.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	0	130.00 \$	0.00
Unit Weight Determination	Test	0	39.35 \$	0.00
Consolidation Tests	Test	0	393.00 \$	0.00
(a) Each additional load increment above 4TSF	Each	0	25.20 \$	0.00
Specific Gravity	Test	0	56.70 \$	0.00
Triaxial Shear Tests (3 Points)	Test	0	336.00 \$	0.00
Rock Compression Test	Test	0	105.00 \$	0.00
Split Tension Test	Test	0	105.00 \$	0.00

Page 2 of 3

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrim.com



WADETRIM

ISO 9001:2000 Registered
FL LC Reg No. C000121

Tierra Project No. 6511-10-345

Exhibit A
Pinellas County
TIERRA, INC
UNIT FEE SCHEDULE

General Engineering Consultant
Pinellas County

	Unit	# of Units		Unit Price	Total
LBR Test	Test	0	\$	300.00	\$ 0.00
Permeability Test, Granular Soils	Test	0	\$	170.00	\$ 0.00
Grain-Size with Hydrometer	Test	0	\$	110.00	\$ 0.00
Proctor Test (a) Modified	Test	0	\$	110.00	\$ 0.00
(b) Standard	Test	0	\$	105.00	\$ 0.00
Concrete Compression, Test Only	Test	0	\$	10.00	\$ 0.00
Chloride Testing, Saltwater Intrusion	Test	0	\$	150.00	\$ 0.00
Petrographic Testing	Test	0	\$	1,000.00	\$ 0.00
Swell Test	Test	0	\$	157.50	\$ 0.00
Sample Preparation, Samples from Others	Hour	0	\$	85.00	\$ 0.00
Direct Shear Strength Test (1 Point)	Test	0	\$	262.50	\$ 0.00
Soil Cement Mix Designs	Each	0	\$	1020.00	\$ 0.00
pH Test	Test	0	\$	27.70	\$ 0.00
Fines Content	Test	0	\$	42.00	\$ 0.00
Extrusion of UD	Test	0	\$	27.55	\$ 0.00
Bitumen Extraction	Test	0	\$	110.00	\$ 0.00
Bitumen Gradation	Test	0	\$	110.00	\$ 0.00
III. FIELD ENGINEERING AND TECHNICAL SERVICES					
Site Recon./Utility Coordination/Traffic Control					
Sr. Engineering Technician	Hour	0	\$	85.00	\$ 0.00
Engineering Technician	Hour	0	\$	45.00	\$ 0.00
IIIA. ENGINEERING AND TECHNICAL SERVICES					
1 Project Manager	Hour	0	\$	140.00	\$ 0.00
Senior Project Engineer	Hour	0	\$	125.00	\$ 0.00
Senior Specialist	Hour	0	\$	100.00	\$ 0.00
Project Engineer	Hour	0	\$	105.00	\$ 0.00
Engineering Intern	Hour	0	\$	90.00	\$ 0.00
Computer Technician	Hour	0	\$	70.00	\$ 0.00
Sr Engineering Technician	Hour	0	\$	85.00	\$ 0.00
Engineering Technician	Hour	0	\$	45.00	\$ 0.00
Secretary/Clerical	Hour	0	\$	50.00	\$ 0.00

Wade Trim, Inc.
8745 Henderson Road
Suite 220, Renaissance 5
Tampa, FL 33634

813.882.8366
888.499.9624
813.884.5990 fax
www.wadetrim.com



Exhibit A

Pinellas County Public Works

Ayres Associates Inc 2010 Billing Rates

Job Classification	Minimum	Rate (\$/hour) Typical	Maximum
Senior Vice President	\$201.50	\$225.53	\$297.69
Vice President/Officer-in-Charge	\$170.50	\$177.41	\$204.48
Project Manager/Associate Principal	\$136.40	\$147.34	\$171.40
Construction Manager	\$105.40	\$120.28	\$150.35
Construction Engineer	\$77.50	\$89.90	\$117.80
Senior Engineer/Scientist	\$120.90	\$129.30	\$153.36
Engineer/Scientist (III-IV)	\$99.20	\$108.50	\$120.90
Engineer/Scientist (I-III)	\$71.30	\$81.19	\$105.25
Planner	\$86.80	\$108.25	\$132.31
Landscape Architect	\$89.90	\$102.24	\$129.30
Field Technician	\$55.80	\$63.15	\$78.18
Senior Designer	\$77.50	\$87.20	\$108.25
Drafter/CADD Operator	\$52.70	\$63.15	\$75.18
Operations Specialist	\$71.30	\$96.22	\$123.29
Fiscal/Accounting	\$71.30	\$81.19	\$111.26
Administrative/Clerical	\$46.50	\$55.80	\$74.40

CERTIFIED WAGE RATE FORM

Sub Consultant Name: BES Inc

Job Classification	Personnel	Raise Date	Current Salary	Percent Employee Used	Salary Rate	Loaded Rate
Project Manager/ Senior Engineer						
	Dilip Mundkur, PE, PTOE	1/1/2011	\$54.00	100.00%	\$54.00	
	AVERAGE HOURLY RATE =				\$54.00	\$172.30
Chief Engineer						
	Michael Noesen, PE	1/1/2011	\$57.50	100.00%	\$57.50	
	AVERAGE HOURLY RATE =				\$57.50	\$183.47
Engineer Intern						
	Ramesh Reddolu, EI	1/1/2011	\$29.00	100.00%	\$29.00	
	AVERAGE HOURLY RATE =				\$29.00	\$92.53
Designer						
	Chitra Shivakumar	1/1/2011	\$26.00	100.00%	\$26.00	
	AVERAGE HOURLY RATE =				\$26.00	\$82.96
Senior Engineering Technician						
	Constanza Suarez	1/1/2011	\$27.00	100.00%	\$27.00	
	AVERAGE HOURLY RATE =				\$27.00	\$86.15
Project Planner						
	Sue Singh	1/1/2011	\$31.00	100.00%	\$31.00	
	AVERAGE HOURLY RATE =				\$31.00	\$98.91



Pinellas County Roadways, Drainage, Structural, Site and Traffic Eng. Consulting Services
George F. Young, Inc. Rate Schedule November 2010

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

TECHNICAL STAFF

Technician III	\$ 80.00
Technician II	\$ 70.00
Technician I	\$ 60.00
Admin Staff	\$ 55.00

SURVEY FIELD PARTIES

5 Person Field Crew	\$ 173.00
4 Person Field Crew	\$ 153.00
3 Person Field Crew	\$ 133.00
2 Person Field Crew	\$ 113.00

SUBSURFACE UTILITY DESIGNATION/LOCATION

Location Vac Truck and Crew	\$1,850.00	Per Day	Utility Manager	\$ 125.00
2 Person Designation Truck and Crew	\$1,385.00	Per Day	Utility Coordinator	\$ 75.00
3 Person Designation Truck and Crew	\$1,675.00	Per Day	SUE Lead Locator	\$ 70.00
Ground Penetrating Radar with Operator	\$1,475.00	Per Day	SUE Locator Tech	\$ 50.00
Mobilization/Demobilization	\$ 300.00	Per Day		
Maintenance of Traffic (MOT)	\$ 400.00	Average Charge Per Setup		
Actual MOT fee to be negotiated for each project based upon field conditions				

MC Squared, Inc
Nov. 11, 2010



Client: Pinellas County Public Works
440 Court St.
Clearwater, FL 33756

Consultant: MC Squared, Inc.
5808 A Breckenridge Pky.
Tampa, FL 33610

Contact / Project Manager: Joe DiStefano, P.E.
Phone: 813-623-3399

Project Name: Pinellas County GEC -RFP #090-0348-CN (AM)

FDOT OH Rate	FCCM	Profit	Expense	
222.93%	1.319%	10%	10.67%	
Personnel	Classification	Rates	Minimum	Maximum
	Chief Engineer	\$ 56.48	\$ -	\$ 207.28
	Project Manager	\$ 53.00	\$ -	\$ 194.51
	Project Engineer	\$ 34.25	\$ -	\$ 125.70
	Engineering Intern	\$ 21.64	\$ -	\$ 79.42
	Engineering Technician	\$ 12.25	\$ -	\$ 44.96
	Secretary/Clerical	\$ 17.97	\$ -	\$ 65.95
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -

November 11, 2010

Date



Consulting Engineers

Boca Raton
Tallahassee
Tampa

EXHIBIT A SCHEDULE OF RATE VALUES Consultant Name: EC Driver & Associates, Inc.

Job Classification	Personnel	Raise Date	Current Salary	Percent Employee Used	Salary Rate 2010	Loaded Rate 2010
Project Manager	J. Phillips, PE	1/1/2011	\$89.64	35.00%	\$31.37	
	J. Metroka, PE	1/1/2011	\$58.00	65.00%	\$37.70	
	AVERAGE HOURLY RATE =				\$69.07	\$216.50
Senior Engineer	R. Hentschel, PE	1/1/2011	\$51.40	2.00%	\$1.03	
	L. Maldonado, PE	1/1/2011	\$75.72	2.00%	\$1.51	
	T. Farrell, PE	1/1/2011	\$52.00	22.00%	\$11.44	
	D. Padgett, PE	1/1/2011	\$51.92	22.00%	\$11.42	
	A. Studdeny, PE	1/1/2011	\$57.00	2.00%	\$1.14	
	R. Newcomb	1/1/2011	\$54.80	2.00%	\$1.10	
	J. Englert, PE	1/1/2011	\$53.28	16.00%	\$8.52	
	J. Addison, PE	1/1/2011	\$61.48	2.00%	\$1.23	
	G. Patton, PE	1/1/2011	\$62.92	15.00%	\$9.44	
	P. Michiels	1/1/2011	\$54.16	15.00%	\$8.12	
	AVERAGE HOURLY RATE =				\$54.96	\$172.26
Senior Planner	A. Venables, AICP	1/1/2011	\$45.92	100.00%	\$45.92	
	AVERAGE HOURLY RATE =				\$45.92	\$143.93
Engineer	R. Wuttrich, PE	1/1/2011	\$38.40	10.00%	\$3.84	
	A. Willis, PE	1/1/2011	\$36.84	20.00%	\$7.37	
	B. Sprague, PE	1/1/2011	\$29.16	30.00%	\$8.75	
	S. Kupchenko, PE	1/1/2011	\$31.20	10.00%	\$3.12	
	W. Dodson, PE	1/1/2011	\$40.00	10.00%	\$4.00	
	C. Stephens, PE	1/1/2011	\$42.60	10.00%	\$4.26	
	V. Lit, PE	1/1/2011	\$29.40	10.00%	\$2.94	
	AVERAGE HOURLY RATE =				\$34.28	\$107.43
Designer	J. Michael	1/1/2011	\$34.16	20.00%	\$6.83	
	L. Marzilli	1/1/2011	\$34.68	20.00%	\$6.94	
	M. Carlton, EI	1/1/2011	\$33.92	15.00%	\$5.09	
	J. Wu, EI	1/1/2011	\$27.56	30.00%	\$8.27	
	M. Lara	1/1/2011	\$29.40	15.00%	\$4.41	
AVERAGE HOURLY RATE =				\$31.53	\$98.84	
GIS Specialist	T. Haman-Siebel	1/1/2011	\$19.84	100.00%	\$19.84	
	AVERAGE HOURLY RATE =				\$19.84	\$62.19

I certify that the above information is current and accurate as of this date.

James M. Phillips III, PE

Print Name

Signature

November 15, 2010

Date

Consultant Name: Analytic Engineering, Inc.

<u>Job Classification</u>	<u>Personnel</u>	<u>Raise Date</u>	<u>Current Salary</u>	<u>Percent Employee Used</u>	<u>Salary Rate</u>	<u>Loaded Rate</u>
Senior Engineer	Al Stewart, PE	1/1/2012	\$62.50	100.00%	\$62.50	
	AVERAGE HOURLY RATE =					\$185.54
Engineer	Stacy Burgess, PE	1/1/2012	\$40.00	100.00%	\$40.00	
	AVERAGE HOURLY RATE =					\$118.75

Consultant Name: BES, Inc.

<u>Job Classification</u>	<u>Personnel</u>	<u>Raise Date</u>	<u>Current Salary</u>	<u>Percent Employee Used</u>	<u>Salary Rate</u>	<u>Loaded Rate</u>
Project Manager/ Senior Engineer	Dilip Mundkur, PE, PTOE	1/1/2011	\$54.00	100.00%	\$54.00	
	AVERAGE HOURLY RATE =					\$172.30
Chief Engineer	Michael Noesen, PE	1/1/2011	\$57.50	100.00%	\$57.50	
	AVERAGE HOURLY RATE =					\$183.47
Engineer Intern	Constanza Suarez, EI	1/1/2011	\$27.00	100.00%	\$27.00	
	AVERAGE HOURLY RATE =					\$86.15

Consultant Name: George F. Young, Inc.
PROFESSIONAL STAFF
SURVEY

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

TECHNICAL STAFF

Technician III	\$80.00
Technician II	\$70.00
Technician I	\$60.00
Admin Staff	\$55.00

SURVEY FIELD PARTIES

5 Person Field Crew	\$173.00
4 Person Field Crew	\$153.00
3 Person Field Crew	\$133.00
2 Person Field Crew	\$113.00

SUBSURFACE UTILITY DESIGNATION/LOCATION

Location Vac Truck and Crew	\$1,850.00 Per Day	Utility Manager	\$125.00
2 Person Designation Truck and Crew	\$1,385.00 Per Day	Utility Coordinator	\$75.00
3 Person Designation Truck and Crew	\$1,675.00 Per Day	SUE Lead Locator	\$70.00
Ground Penetrating Radar with Operator	\$1,475.00 Per Day	SUE Locator Tech	\$50.00
Mobilization/Demobilization	\$300.00 Per Day		
Maintenance of Traffic (MOT)	\$400.00 Average Charge Per Setup		
Actual MOT fee to be negotiated for each project based upon field conditions			

Consultant Name: Tierra, Inc.

	Unit	# of Units		Unit Price		Total
I. FIELD INVESTIGATION						
Mobilization of Men and Equipment						
Truck-Mounted Equipment	Trip	0	\$	315.00	\$	0.00
Specialized ATV/Track	Trip	0	\$	630.00	\$	0.00
Support Vehicle	Trip	0	\$	141.00	\$	0.00
Cone Penetrometer Equipment	Trip	0	\$	330.00	\$	0.00
Barge-Mounted Equipment	Trip	0	\$	6930.00	\$	0.00
Tug with Barge Equipment	Day	0	\$	2500.00	\$	0.00
Safety Boat	Day	0	\$	550.00	\$	0.00
Standard Penetration Test Borings, Truck Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	11.50	\$	0.00
50 - 100 ft depth	L.F.	0	\$	15.20	\$	0.00
100 - 150 ft depth	L.F.	0	\$	27.80	\$	0.00
150 - 200 ft depth	L.F.	0	\$	42.00	\$	0.00
Standard Penetration Test Borings, ATV-Track Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	17.00	\$	0.00
50 - 100 ft depth	L.F.	0	\$	22.90	\$	0.00
100 - 150 ft depth	L.F.	0	\$	27.55	\$	0.00
Standard Penetration Test Borings, Barge Mounted Equipment						
0 - 50 ft depth	L.F.	0	\$	19.15	\$	0.00
50 - 100 ft depth	L.F.	0	\$	25.70	\$	0.00
100 - 150 ft depth	L.F.	0	\$	47.40	\$	0.00
Grout-Seal Boreholes, Truck Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	4.70	\$	0.00
50 - 100 ft depth	L.F.	0	\$	6.20	\$	0.00
100 - 150 ft depth	L.F.	0	\$	9.10	\$	0.00
Grout-Seal Boreholes, ATV-Track Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	6.70	\$	0.00
50 - 100 ft depth	L.F.	0	\$	9.10	\$	0.00
100 - 150 ft depth	L.F.	0	\$	13.65	\$	0.00
150 - 200 ft depth	L.F.	0	\$	17.85	\$	0.00
Grout-Seal Boreholes, Barge Mounted Equipment						
0 - 50 ft depth	L.F.	0	\$	7.55	\$	0.00
50 - 100 ft depth	L.F.	0	\$	10.05	\$	0.00
100 - 150 ft depth	L.F.	0	\$	15.40	\$	0.00
150 - 200 ft depth	L.F.	0	\$	20.45	\$	0.00
Casing Allowance, Truck Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	7.60	\$	0.00
50 - 100 ft depth	L.F.	0	\$	9.10	\$	0.00
100 - 150 ft depth	L.F.	0	\$	10.90	\$	0.00
Casing Allowance, ATV-Track Mounted Equipment						
Land: 0 - 50 ft depth	L.F.	0	\$	11.55	\$	0.00
50 - 100 ft depth	L.F.	0	\$	13.95	\$	0.00
100 - 150 ft depth	L.F.	0	\$	16.00	\$	0.00
150 - 200 ft depth	L.F.	0	\$	20.70	\$	0.00
Casing Allowance, Barge Mounted Equipment						
0 - 50 ft depth	L.F.	0	\$	12.86	\$	0.00
50 - 100 ft depth	L.F.	0	\$	15.65	\$	0.00
100 - 150 ft depth	L.F.	0	\$	17.85	\$	0.00
150 - 200 ft depth	L.F.	0	\$	32.10	\$	0.00

Consultant Name: Tierra, Inc.

	Unit	# of Units		Unit Price		Total
Rock Coring (Structures), Truck Mounted Equipment						
0 - 50 ft deep	L.F.	0	\$	33.60	\$	0.00
50 - 100 ft deep	L.F.	0	\$	45.15	\$	0.00
100 - 150 ft depth	L.F.	0	\$	55.00	\$	0.00
Rock Coring (Structures) (By ATV/Mudbug)						
0 - 50 ft deep	L.F.	0	\$	39.90	\$	0.00
50 - 100 ft deep	L.F.	0	\$	46.95	\$	0.00
100 - 150 ft deep	L.F.	0	\$	60.00	\$	0.00
Rock Coring (Structures), ATV-Track Mounted Equipment						
0 - 50 ft deep	L.F.	0	\$	38.30	\$	0.00
50 - 100 ft deep	L.F.	0	\$	51.00	\$	0.00
100 - 150 ft deep	L.F.	0	\$	70.00	\$	0.00
Rock Coring (Structures), Barge Mounted Eq						
0 - 50 ft deep	L.F.	0	\$	42.75	\$	0.00
50 - 100 ft deep	L.F.	0	\$	56.70	\$	0.00
100 - 150 ft deep	L.F.	0	\$	75.00	\$	0.00
Field Permeability Tests	Test	0	\$	262.00	\$	0.00
Flagmen & Barricades (2 man crew)	Day	0	\$	829.00	\$	0.00
Florida Patrolmen (Traffic Control)	Hour	0	\$	34.30	\$	0.00
Arrow Rental Sign	Day	0	\$	69.30	\$	0.00
Auger Borings	L.F.	0	\$	9.25	\$	0.00
Extra Split Spoon Samples	Each	0	\$	35.95	\$	0.00
Hand Muck Probes (2-man crew)	Day	0	\$	550.00	\$	0.00
Thin Walled Shelby Tube Samples (Land)	Each	0	\$	125.00	\$	0.00
2-Inch Piezometer Installation	L.F.	0	\$	36.00	\$	0.00
Standby/Decontamination Drill Rig & Crew	Hour	0	\$	189.00	\$	0.00
Clearing Operations (Heavy Equipment)	Day	0	\$	2,500.00	\$	0.00
Clearing Operations (Light TEquipment)	Day	0	\$	1,250.00	\$	0.00
Double Ring Infiltration Test	Test	0	\$	400.00	\$	0.00
Organic Vapor Analyzer (OVA)	Day	0	\$	220.50	\$	0.00
Power Auger Boring (Includes Decon, 25 ft)	L.F.	0	\$	11.55	\$	0.00
Pavement Cores, Asphalt	Each	0	\$	100.00	\$	0.00
Concrete Cores	Each	0	\$	125.00	\$	0.00

II. LABORATORY TESTING

Visual Examination/Stratify, 1 set = 5 feet	Per Set	0	\$	3.65	\$	0.00
Natural Moisture Content Tests	Test	0	\$	10.00	\$	0.00
Grain-Size Analysis - Full Gradation	Test	0	\$	60.00	\$	0.00
Grain-Size Analysis - Single Sieve	Test	0	\$	35.00	\$	0.00
Organic Content Tests	Test	0	\$	35.00	\$	0.00
Atterberg Limit Tests	Test	0	\$	85.00	\$	0.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	0	\$	130.00	\$	0.00
Unit Weight Determination	Test	0	\$	39.35	\$	0.00
Consolidation Tests	Test	0	\$	393.00	\$	0.00
(a) Each additional load increment above 4TSF	Each	0	\$	25.20	\$	0.00
Specific Gravity	Test	0	\$	56.70	\$	0.00
Triaxial Shear Tests (3 Points)	Test	0	\$	336.00	\$	0.00
Rock Compression Test	Test	0	\$	105.00	\$	0.00
Split Tension Test	Test	0	\$	105.00	\$	0.00
LBR Test	Test	0	\$	300.00	\$	0.00
Permeability Test, Granular Soils	Test	0	\$	170.00	\$	0.00

Consultant Name: Tierra, Inc.

	Unit	# of Units	Unit Price		Total
Grain-Size with Hydrometer	Test	0	\$	110.00	0.00
Proctor Test (a) Modified	Test	0	\$	110.00	0.00
(b) Standard	Test	0	\$	105.00	0.00
Concrete Compression, Test Only	Test	0	\$	10.00	0.00
Chloride Testing, Saltwater Intrusion	Test	0	\$	150.00	0.00
Petrographic Testing	Test	0	\$	1,000.00	0.00
Swell Test	Test	0	\$	157.50	0.00
Sample Preparation, Samples from Others	Hour	0	\$	65.00	0.00
Direct Shear Strength Test (1 Point)	Test	0	\$	262.50	0.00
Soil Cement Mix Designs	Each	0	\$	1020.00	0.00
pH Test	Test	0	\$	27.70	0.00
Fines Content	Test	0	\$	42.00	0.00
Extrusion of UD	Test	0	\$	27.55	0.00
Bitumen Extraction	Test	0	\$	110.00	0.00
Bitumen Gradation	Test	0	\$	110.00	0.00

III. FIELD ENGINEERING AND TECHNICAL SERVICES

Site Recon./Utility Coordination/Traffic Control

Sr. Engineering Technician	Hour	0	\$	65.00	0.00
Engineering Technician	Hour	0	\$	45.00	0.00

IIIA. ENGINEERING AND TECHNICAL SERVICES

1 Project Manager	Hour	0	\$	140.00	0.00
Senior Project Engineer	Hour	0	\$	125.00	0.00
Senior Specialist	Hour	0	\$	100.00	0.00
Project Engineer	Hour	0	\$	105.00	0.00
Engineering Intern	Hour	0	\$	90.00	0.00
Computer Technician	Hour	0	\$	70.00	0.00
Sr Engineering Technician	Hour	0	\$	65.00	0.00
Engineering Technician	Hour	0	\$	45.00	0.00
Secretary/Clerical	Hour	0	\$	50.00	0.00

Revised Personnel Rates
Added CEI Personnel

<i>Employee Classification</i>	<i>FDOT Rate</i>	<i>Loaded Rate</i>
KCI TECHNOLOGIES, INC.		
Certified Bridge Inspector	\$46.06	\$138.18
Chief Engineer	\$69.71	\$209.13
Contract Coordination	\$24.00	\$72.00
CADD Technician	\$25.06	\$75.18
CEI Asphalt Plant Inspector	\$26.50	\$79.50
CEI Assistant Project Administrator	\$40.00	\$120.00
CEI Associate Contract Support Specialist	\$27.00	\$81.00
CEI Contract Support Specialist	\$32.75	\$98.25
CEI Inspector/Engineer Intern	\$21.57	\$64.71
CEI Inspector's Aide	\$16.00	\$48.00
CEI Project Administrator/Project Engineer	\$44.66	\$133.98
CEI Resident Compliance Specialist	\$24.50	\$73.50
CEI Secretary/Clerical Typist	\$18.66	\$55.98
CEI Senior Inspector/Senior Engineer Intern	\$29.21	\$87.63
CEI Senior Project Engineer	\$60.92	\$182.76
Designer	\$33.01	\$99.03
Engineer	\$35.34	\$106.02
Field Crew Supervisor	\$33.16	\$99.48
Geotechnical Engineer	\$40.72	\$122.16
Instrument Man	\$14.36	\$43.08
ITS Inspector	\$31.75	\$95.25
Party Chief	\$22.30	\$66.90
Planner	\$31.40	\$94.20
Project Engineer	\$41.00	\$123.00
Project Manager	\$60.10	\$180.30
Project Planner	\$42.03	\$126.09
Rod Man/Chain Man	\$12.10	\$36.30
Senior Engineer	\$56.08	\$168.24
Senior ITS Inspector	\$36.33	\$108.99
Senior Project Engineer	\$58.21	\$174.63
Senior Suveyor & Mapper	\$54.50	\$163.50
Survey Technician	\$26.77	\$80.31
Surveyor & Mapper	\$38.58	\$115.74
Utility Coordinator	\$35.15	\$105.45
Utility Locator	\$20.01	\$60.03
EARTH RESOURCES, INC. (ENVIRONMENTAL)		
Chief Scientist	\$40.00	\$110.00
Senior Scientist	\$29.10	\$80.00
GIS Specialist	\$25.45	\$70.00

Revised Personnel Rates
Added CEI Personnel

BES, INC. (TRAFFIC)		
Project Manager	\$60.10	\$172.30
Senior Engineer	\$56.08	\$172.30
Chief Engineer	\$69.71	\$183.47
Engineer Intern	\$29.79	\$92.53
Designer	\$33.01	\$82.96
Senior Engineering Tech	\$29.07	\$86.15
Project Planner	\$42.03	\$98.91
SAI, INC. (STRUCTURES)		
Project Manager	\$55.75	\$139.99
Project Engineer	\$41.00	\$119.66
Designer	\$33.01	\$69.36
HSA, INC. (HYDROGEOLOGICAL)		
Project Manager	\$40.40	\$119.99
Senior Scientist	\$34.78	\$103.30
Senior Engineer	\$40.16	\$119.28
Engineering Intern	\$19.63	\$52.36
Environmental Technician	\$17.76	\$52.75
Scientist	\$23.56	\$71.40
Secretary/Clerical	\$14.34	\$42.59
CADD/Computer Tech	\$19.97	\$59.31
IAA, INC. (R/W & APPRAISALS)		
Sr. Appraiser	\$45.75	\$0.00
Staff Appraiser	\$38.58	\$0.00
Project Manager	\$60.00	\$0.00
Acquisition Agent	\$30.00	\$0.00
Researcher/Clerical	\$20.37	\$0.00
LA DESIGN, INC. (LANDSCAPE ARCHITECTURE)		
Senior Landscape Architect	\$43.03	\$120.00
Chief Scientist	\$50.77	\$120.00
Landscape Architect	\$31.12	\$80.00
CADD/Computer Tech	\$25.06	\$65.00

The logo for Faller, Davis & Associates, Inc. features a stylized, abstract graphic of a building or structure in the background, rendered in a light gray, textured style. Overlaid on this graphic is the company name in a large, elegant, cursive script font.

CONSULTING ENGINEERS

PINELLAS COUNTY PUBLIC WORKS
RFP #090-03-48-CN (AM)

EXHIBIT A
SCHEDULE OF RATE VALUES – 2010

Project Manager	\$205.00
Chief Engineer	\$210.00
Senior Engineer	\$166.00
Project Engineer	\$114.00
Engineer	\$95.00
Engineering Intern	\$75.00
Senior Technician	\$87.00
Technician	\$68.00
Chief Scientist	\$195.00
Senior Scientist	\$112.00
Scientist	\$51.00
Clerical	\$47.00

Revised 11/30/2010



299 Dr. Martin Luther King, Jr. St. N.
P. O. Box 683
St. Petersburg, Florida 33731-0683
(727) 822-4317 Fax (727) 822-2919

George F. Young, Inc.

Turning Vision Into Reality

ARCHITECTURE ■ ENGINEERING ■ ENVIRONMENTAL ■ LANDSCAPE ARCHITECTURE ■ PLANNING ■ SURVEYING ■ UTILITIES

November 15, 2010

Ms. Jan R. Herbst, P.E., Interim Director
Engineering and Environmental Services
Pinellas County Public Works
440 Court Street
Clearwater, Florida 33756

**Subject: Request for Schedule of Rate Values for Roadways, Drainage, Structural,
Site, and Traffic Engineering Consulting Services RFP #0900348-CN (AM)**

Dear Ms. Herbst,

Per your request we are submitting our Schedule of Rate Value for each of the services that we will be providing. Also included are the rates of each of our sub-consultants.

You may contact me with any questions that you may have at:

- Office Phone: 727-822-4317
- Cell Phone: 727-643-1856
- Email: gotwald@georgefyoung.com

Sincerely,

Jonathan J. Gotwald, PE
Vice President, Engineering

299 Dr. Martin Luther King, Jr. St. N.
P. O. Box 683
St. Petersburg, Florida 33731-0683
(727) 822-4317 Fax (727) 822-2919



George F. Young, Inc.

Turning Vision Into Reality

ARCHITECTURE ■ ENGINEERING ■ ENVIRONMENTAL ■ LANDSCAPE ARCHITECTURE ■ PLANNING ■ SURVEYING ■ UTILITIES

GEORGE F. YOUNG, INC.

Standard Fee Schedule

July 12, 2010

****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
-------------	----------

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 Coordinator	\$ 75.00
3 Person Designation Truck and Crew	\$1,675.00	Per Day	SUE Lead Locator	\$ 70.00
Ground Penetrating Radar with Operator	\$1,475.00	Per Day	SUE Locator Tech	\$ 50.00
Mobilization/Demobilization	\$ 300.00	Per Day		
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

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

PER DIEM

Standard per diem costs of \$35.00 per day plus lodging at cost or \$79.00 to \$159.00 per day food and lodging, in Florida.

PRINTS, MATERIALS AND REIMBURSABLE EXPENSES

COST

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

Out-of-pocket expenses at cost plus 10%, including fees and permits. Subconsultants at cost plus 10%. Mileage charged at the prevailing IRS rate.



Following are the rates for each of our Sub-Consultants for this contract.

Tindale-Oliver & Associates, Inc.
Pinellas CO GEC

Classification	Rate	Burden Rates		
		2010	2011	2012
Specialist	\$80.13	\$251.24	\$261.29	\$271.74
Project Manager	\$59.00	\$184.99	\$192.39	\$200.09
Senior Planner	\$48.80	\$153.01	\$159.13	\$165.50
Senior Engineer	\$47.00	\$147.36	\$153.25	\$159.38
Project Engineer	\$39.59	\$124.13	\$129.10	\$134.26
Engineer	\$27.99	\$87.76	\$91.27	\$94.92
GIS Specialist	\$22.42	\$70.30	\$73.11	\$76.04
Project Planner	\$36.40	\$114.13	\$118.70	\$123.44
Planner	\$26.62	\$83.46	\$86.80	\$90.27
Secretary/Clerical	\$17.50	\$54.87	\$57.06	\$59.35

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUND-WATER AND ENVIRONMENTAL ENGINEERING SERVICES

10014 NORTH DALE MABRY HIGHWAY
SUITE 205
TAMPA, FLORIDA 33618
813-968-5882
FAX 813-968-9244
www.lbgweb.com

2010 FEE SCHEDULE FOR CONSULTING SERVICES

Wiley, David A.	Senior Vice President	200.00 / hour
Trommer, Jeffrey	Senior Associate	168.00 / hour
Silberstein, Roy	Senior Associate	168.00 / hour
Thompson, Nils	Associate	185.00 / hour
Ewinski, Ronald	Senior Hydrogeologist	90.00 / hour
Cofer, Richard	Hydrogeologist II	90.00 / hour
Reimer, Adria	Hydrogeologist II	92.00 / hour
Motes, Adam	Hydrogeologist I	85.00 / hour
Harrell, Timothy D.	Draftsperson	90.00 / hour
Green, Dayna	Secretary	70.00 / hour

MISSOURI
OHIO
MASSACHUSETTS

ILLINOIS
NEW JERSEY
WISCONSIN

SOUTH DAKOTA
MINNESOTA
NEW YORK

PENNSYLVANIA
TEXAS
CONNECTICUT



Rate Schedule & Classification

FIRM NAME: The LPA Group Incorporated, A Unit of Michael Baker Corporation
PROJECT NAME: Pinellas County General Engineering Services
Roadways, Drainage, Structural, Site, and Traffic Engineering Consulting Services
RFP Number: 090-0348-CN (AM)
Contract Number: C-8P61

Classification	Billing Rate 2010
Project Manager	\$ 183.27
Chief Engineer / QA.QC	\$ 289.17
Senior Project Engineer or Senior Professional	\$ 177.60
Project Engineer or Professional	\$ 133.65
Senior Engineering Tech / Designer	\$ 103.95
Certified Bridge Inspector Lead Diver	\$ 95.48
Project Assistant / Clerical	\$ 68.47
Annual Escalation beginning 2011	4%



**DRIGGERS ENGINEERING SERVICES, INC.
GEOTECHNICAL SERVICES**

**UNIT FEE SCHEDULE
NOVEMBER, 2010**

1.0 ENGINEERING AND PROFESSIONAL SERVICES		
ITEM	DESCRIPTION	UNIT FEE
1.1	Project Engineer	\$ 140.00/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	55.00/Hr.
1.6	Laboratory Director	95.00/Hr.

2.0 DRILLING SERVICES		
ITEM	DESCRIPTION	UNIT FEE
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)	250.00/Hr.
	2.3.1 Miscellaneous Materials, Bits, Equipment Rental,	Cost + 15%
2.4	Crew Time (3-man crew and drilling equipment on water [minimum 8 hours per day])	320.00/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	<p>Standard Penetration Test Borings (ASTM D-1586, split-spoon sampling; Standard Truck-Mounted Drill Unit)</p> <p>2.5.1 0-50 Feet</p> <ul style="list-style-type: none"> i. Soil 12.50/LF ii. Rock 13.75/LF iii. Cemented Soil (N>50) 13.75/LF <p>2.5.2 50-100 Feet</p> <ul style="list-style-type: none"> i. Soil 14.50/LF ii. Rock 16.00/LF iii. Cemented Soil (N>50) 16.00/LF <p>2.5.3 100-150 Feet</p> <ul style="list-style-type: none"> i. Soil 20.00/LF ii. Rock 25.00/LF iii. Cemented Soil (N>50) 25.00/LF <p>2.5.4 150-200 Feet</p> <ul style="list-style-type: none"> i. Soil 30.00/LF ii. Rock 35.00/LF iii. Cemented Soil (N>50) 35.00/LF 	
2.6	<p>Track-Mounted Drill Unit</p> <p>2.6.1 0-50 Feet</p> <ul style="list-style-type: none"> i. Soil \$ 17.50/LF ii. Rock 20.50/LF iii. Cemented Soil (N>50) 20.50/LF <p>2.6.2 50-100 Feet</p> <ul style="list-style-type: none"> i. Soil 21.00/LF ii. Rock 24.00/LF iii. Cemented Soil (N>50) 24.00/LF <p>2.6.3 100-150 Feet</p> <ul style="list-style-type: none"> i. Soil 30.00/LF ii. Rock 37.50/LF iii. Cemented Soil (N>50) 37.50/LF <p>2.6.4. 150-200 Feet</p> <ul style="list-style-type: none"> i. Soil 45.00/LF ii. Rock 52.50/LF iii. Cemented Soil (N>50) 52.50/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)	100.00 Ea.
2.9	Grouting of Boreholes per SWFWMD Regulations	4.00/LF
2.10	<p>Rock Coring</p> <p>2.10.1 NX Size (approximately 2 _") 55.00/LF</p> <p>2.10.2 2¾" Diameter 65.00/LF</p>	



2.11	Temporary Casing (only if needed) 2.11.1 4" 2.11.2 6"	6.25/LF 10.00/LF
2.12	Patch Borehole in Asphalt or Concrete	75.00 Ea.
2.13	Hand Auger Boring	9.50/LF
2.14	Hand Cone Penetrometer	1.50/LF
2.15	Double-Ring Infiltration Test (Local and Depth <3 Feet) (ASTM D3385)	475.00 Ea.

3.0 LABORATORY GEOTECHNICAL TESTING		
ITEM	DESCRIPTION	UNIT FEE
3.1	Grainsize Analysis (ASTM D422-92)	\$30.00 Ea.
3.2	Hydrometer of Soil (ASTM D422-92)	125.00 Ea.
3.3	Organic Content (FM 1T-267)	30.00 Ea.
3.4	Atterberg Limit (Plastic and Liquid) (ASTM D43-18-87)	60.00 Ea.
3.5	Corrosivity Series (Resistivity, pH, SO ₄ , CL) (FDOT Method)	250.00 Ea.
3.6	Consolidation Test	300.00 Ea.
3.7	Laboratory Permeability on Sand (ASTM D-2434-74)	175.00 Ea.
3.8	Constant Head Permeability (ASTM D2434-74)	200.00 Ea.
3.9	Permeability with Back Pressure Saturation (ASTM D-5084-90)	350.00 Ea.
3.10	Unconfined Compression Test	150.00 Ea.
3.11	Split-Tensile Test	100.00 Ea.
3.12	Triaxial Compression Test 3.12.1 Unconsolidated - Undrained 3.12.2 Consolidated - Undrained 3.12.3 Consolidated - Undrained with Pore Pressure Measurements	150.00/Test 300.00/Test 450.00/Test
3.13	Specific Gravity of Soil (ASTM D-854-92)	30.00 Ea.
3.14	Limerock Bearing Ratio (FM 5-515)	270.00 Ea.



3.0 LABORATORY GEOTECHNICAL TESTING		
ITEM	DESCRIPTION	UNIT FEE
3.1	Grainsize Analysis (ASTM D422-92)	\$30.00 Ea.
3.2	Hydrometer of Soil (ASTM D422-92)	125.00 Ea.
3.3	Organic Content (FM IT-267)	30.00 Ea.
3.4	Atterberg Limit (Plastic and Liquid) (ASTM D43-18-87)	60.00 Ea.
3.5	Corrosivity Series (Resistivity, pH, SO ₄ , CL) (FDOT Method)	250.00 Ea.
3.6	Consolidation Test	300.00 Ea.
3.7	Laboratory Permeability on Sand (ASTM D-2434-74)	175.00 Ea.
3.8	Constant Head Permeability (ASTM D2434-74)	200.00 Ea.
3.9	Permeability with Back Pressure Saturation (ASTM D-5084-90)	350.00 Ea.
3.10	Unconfined Compression Test	150.00 Ea.
3.11	Split-Tensile Test	100.00 Ea.
3.12	Triaxial Compression Test	
	3.12.1 Unconsolidated - Undrained	150.00/Test
	3.12.2 Consolidated - Undrained	300.00/Test
	3.12.3 Consolidated - Undrained with Pore Pressure Measurements	450.00/Test
3.13	Specific Gravity of Soil (ASTM D-854-92)	30.00 Ea.
3.14	Limerock Bearing Ratio (FM 5-515)	270.00 Ea.



4.0 PILING INSPECTION

ITEM	DESCRIPTION	UNIT FEE
4.1	Inspection of Auger-Cast, Drilled Shaft or Driven Pile (Minimum Charge of 8 Hours Per Day)	\$ 60.00 Hr.
4.2	Pile Compressive Load Test (ASTM D1143)*	1,800.00 Ea.
4.3	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.

NOTES

1. Geotechnical, drilling and special testing services required by client on an overtime basis (in excess of 8 hours per day, Saturday, Sunday or Holidays) will be charged the quoted rate x 1.2.
2. Fees for other services provided by **DRIGGERS ENGINEERING SERVICES, INC.** will be supplied upon request.
3. All hourly rates are charged portal to portal.
4. Three (3) report copies will be provided by **DRIGGERS ENGINEERING SERVICES, INC.**



RTDGroup
1957 Arrowhead Drive N.E.
Suite 200
St. Petersburg, Florida 33703
EXHIBIT A
RFP #090-0348-CN (AM)
SCHEDULE OF RATE VALUES

JOB CLASS	RAW RATE	MULTIPLIED RATE
Chief Engineer	\$62.86	\$174.22
Appraiser	\$38.46	\$106.60
Project Manager	\$31.04	\$ 86.03
Contract Administrator	\$26.00	\$ 72.06
Contract Administrator	\$34.76	\$ 96.34

EXHIBIT A - SCHEDULE OF RATE VALUES**BAYSIDE ENGINEERING, INC.****11/15/2010**

Category	Raw Hourly Rate	Multiplied Hourly Rate
Appraiser	\$38.46	\$106.60
CADD/Computer Technician	\$25.00	\$75.00
CEI Inspector / Engineer Intern	\$20.56	\$61.68
CEI Project Administrator/CEI Project Engineer	\$42.35	\$127.05
CEI Secretary/Clerical Typist	\$16.29	\$48.87
CEI Senior Engineer Intern	\$27.86	\$83.58
CEI Senior Project Engineer	\$60.92	\$182.76
Certified Bridge Inspector	\$30.75	\$92.25
Chief Engineer	\$62.86	\$174.22
Chief Scientist	\$38.25	\$118.58
Contract Coordinator	\$24.15	\$76.45
Designer	\$33.00	\$99.00
Engineer	\$33.19	\$99.57
Engineering Intern	\$27.74	\$83.22
Engineering Technician	\$19.70	\$59.10
Geotechnical Engineer	\$32.05	\$95.19
GIS Specialist	\$24.52	\$76.01
Inspector	\$21.16	\$63.48
Instrument Man	\$13.70	\$41.10

EXHIBIT A - SCHEDULE OF RATE VALUES, CONT'D.**BAYSIDE ENGINEERING, INC.****11/15/2010**

Category	Raw Hourly Rate	Multiplied Hourly Rate
Landscape Architect	\$25.00	\$67.72
Party Chief	\$22.00	\$66.00
Project Engineer	\$40.75	\$122.25
Project Manager	\$54.58	\$163.74
Public Information Officer	\$28.65	\$88.82
Rod Man/Chain Man	\$10.72	\$32.16
Scientist	\$21.00	\$65.10
Secretary/Clerical	\$18.27	\$54.81
Senior Architect	\$40.25	\$120.75
Senior Engineer	\$55.75	\$167.25
Senior Engineering Technician	\$26.07	\$78.21
Senior Inspector	\$28.85	\$86.55
Senior Project Engineer	\$58.00	\$174.00
Senior Scientist	\$36.96	\$109.77
Senior Surveyor & Mapper	\$45.54	\$136.62
Senior Landscape Architect	\$43.03	\$116.56
Survey Technician	\$25.36	\$76.08
Surveying Intern	\$31.20	\$93.60
Surveyor & Mapper	\$35.90	\$107.70
Utility Coordinator	\$37.25	\$111.75

Kimberlee B. DeBosier, PE, FNSPE, FACEC
President

November 15, 2010

Date

Halcrow, Inc.
1101 Channelside Drive, Suite 400 North
Tampa, Florida 33602
Tel (813) 386-1990 Fax (813) 386-1991
www.halcrow.com



December 1, 2010

Pinellas County Public Works
Attn: Ms. Merry Celeste
400 South Court Street
Clearwater, FL 33756

Subject: Request for Schedule of Rate Values for Roadways, Drainage, Structural, Site, and
Traffic Engineering Consulting Services
RFP #090-0348-CN (AM)

Dear Merry,

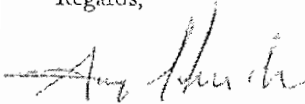
Regarding our earlier discussion, below are the revised Halcrow Burden Rates.

Halcrow, Inc.

Classification	Burdened Rate/Hr
Chief Engineer/Principal	\$198
CADD/Computer Technician	\$75
Engineer	\$102
Engineer Technician	\$63
GIS Specialist	\$79
Inspector	\$66
Project Manager	\$180
Secretary/Clerical	\$58
Senior Project Engineer	\$174
Technician Aid	\$48

Please let me know if you require any additional information.

Regards,


Gary L. Schneider, P.E.
Vice President



Reynolds, Smith and Hills, Inc.
 1715 N. Westshore Boulevard, Suite 500
 Tampa, FL 33607-3999
 (813) 289-5550

FL Cert. Nos. AAC001886 • EB0005620 • LCC000210

December 1, 2010

EXHIBIT A Billing Rates for Reynolds, Smith and Hills, Inc. for the time period from 1 DEC2010 to 30APR2011

RFP No. 090-0348-CN (AM)

Job Class	Unloaded			Loaded
	RS&H Mean/Avg.	District 7 Mean/Avg.	District 7 75% Quartile	Billing Rate per Hour
Project Manager	\$57.70	\$55.04	\$60.10	\$173.10
Chief Engineer	\$62.36	\$62.99	\$65.97	\$187.09
Chief Scientist	\$49.76	\$49.77	\$62.80	\$149.28
Senior Project Engineer	\$50.60	\$50.88	\$58.21	\$151.81
Senior Landscape Architect	\$38.32	\$37.99	\$43.03	\$114.96
Senior Planner	\$45.61	\$46.46	\$50.79	\$136.83
Senior Engineering Technician	\$26.54	\$25.86	\$28.00	\$79.62
Project Engineer	\$41.37	\$38.77	\$41.00	\$123.00
Project Planner	\$31.39	\$36.11	\$40.01	\$94.17
Engineer	\$34.90	\$33.24	\$34.24	\$102.72
Scientist	\$24.12	\$20.74	\$23.56	\$70.68
Designer	\$28.05	\$32.19	\$33.01	\$99.03
Architect Intern**	\$26.54	\$29.32	\$33.35	\$79.62
Secretary/Clerical	\$21.55	\$18.29	\$19.50	\$54.87
CEI Senior Engineer/Project Mgr	\$49.91	\$56.56	\$60.92	\$137.25
CEI Project Administrator	\$39.40	\$42.35	\$44.66	\$108.35
CEI Project Engineer	\$35.28	\$42.35	\$44.66	\$97.02
CEI Senior Inspector	\$25.00	\$27.86	\$29.21	\$68.75
CEI Inspector	\$21.97	\$20.56	\$21.57	\$59.32

 Indicates Hourly Rate Used

** Indicates statewide rate as District 7's data does not contain this position

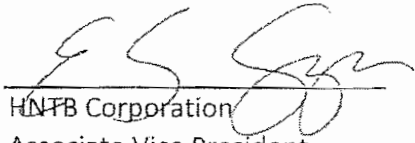
Staff Billing Rate is 3.00 x Direct Labor and CEI Billing Rate is 2.75 x Direct Labor

SCHEDULE OF RATES

Exhibit "A"

Pinellas County Public Works Department Roadways, Drainage, Structural, Site,
and Traffic Engineering Consulting Services

Classification	2010 Billable Rate
Principal	\$235.00
Chief Engineer	\$198.00
Project Manager	\$180.00
Senior Project Engineer	\$144.00
Project Engineer	\$116.00
Engineer	\$102.00
Senior Engineering Technician	\$94.00
CADD/Computer Technician	\$75.00
Contract Coordinator	\$72.00
Secretary/Clerical	\$54.00


HNTB Corporation
Associate Vice President

12-1-2010
Date

HNTB



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

**EXHIBIT A - RATE SCHEDULE for RFP #090-0348
CN - Roadways, Drainage, Structural, Site, and
Traffic Engineering Consulting**

Classification	Labor Rate
Project Principal	\$ 255.00
Program Manager	\$ 204.00
Assistant Program Manager	\$ 174.00
Senior Project Manager	\$ 160.00
Senior Civil Engineer	\$ 150.00
Senior Structural Engineer	\$ 150.00
Project Manager	\$ 140.00
Senior Electrical Engineer	\$ 130.00
Senior Mechanical Engineer	\$ 130.00
Senior Structural Engineer	\$ 130.00
Senior Environmental Engineer	\$ 130.00
Senior Architect	\$ 130.00
Senior Designer	\$ 120.00
Senior Urban Planner	\$ 120.00
Senior Landscape Architect	\$ 120.00
MEP Project Engineer	\$ 120.00
Project Scientist	\$ 110.00
Civil Engineer	\$ 105.00
Electrical Engineer	\$ 105.00
Mechanical Engineer	\$ 105.00
Structural Engineer	\$ 105.00
Environmental Engineer	\$ 105.00
Architect	\$ 105.00
Landscape Architect	\$ 105.00
Project Engineer (Coastal or other)	\$ 105.00
Sr. Field Services Professional	\$ 100.00
Senior GIS Specialist	\$ 100.00
Planner	\$ 100.00
Senior Inspector (CEI)	\$ 90.00
Designer	\$ 85.00
Landscape Designer	\$ 85.00
Interior Designer	\$ 85.00
Inspector (CEI, Field or Construction)	\$ 85.00
Staff Engineer/ Geologist/ Scientist	\$ 85.00
Construction Administrator/ Manager	\$ 80.00
GIS Specialist	\$ 75.00
Cost Estimator	\$ 65.00
Surveyor Support Staff	\$ 60.00
Senior CAD Technician	\$ 60.00
Environmental Specialist	\$ 55.00
Environmental Permit Specialist	\$ 55.00
CAD Technician	\$ 55.00
CAD Technician (Structural)	\$ 55.00
Specifications Writer	\$ 55.00
Administrative Assistant	\$ 55.00



AIM Engineering & Surveying, Inc.

Tampa Office
5607 Bruce B. Nugent Parkway
Suite 100
Tampa, Florida 33610

Phone: 813-414-4144
Fax: 813-414-4144
Email: info@aimeng.com

AIM is proud to provide the community with quality planning, engineering and surveying services since 1970.

November 12, 2010

Mr. Daniel E. Glaser, P.E.
Director of Engineering, Tampa
Lockwood, Andrews & Newman, Inc.
7650 Courtney Campbell Causeway
Suite 275
Tampa, Florida 33607

Re: Schedule of Rate Values for Pinellas County

Dear Mr. Glaser:

Thank you for including AIM Engineering & Surveying, Inc. on your team for the Pinellas County Consulting Services Contract. As requested, the schedule of rate values are set forth below:

Classification	Unit	Rate Value
Project Manager	Hour	\$153.71
Chief Engineer	Hour	\$191.98
Senior Engineer	Hour	\$142.80
Project Engineer	Hour	\$116.70
Engineering Intern	Hour	\$ 81.65
Designer	Hour	\$ 99.94
Engineering Technician	Hour	\$ 63.38
Secretary/Clerical	Hour	\$ 47.47
Senior Surveyor & Mapper	Hour	\$144.66
Surveyor & Mapper	Hour	\$116.27
Survey Technician	Hour	\$ 74.08
CADD Technician	Hour	\$ 75.13
3-Man Survey Crew	Day	\$ 944.13
4-Man Survey Crew	Day	\$1,186.83
SUE Designating Crews	Day	\$1,042.91
SUE Locating Crew	Day	\$1,042.91

If anything additional is needed, please let me know.

Sincerely,

James E. Toombs, P.E.
Transportation Design Group Manager
AIM Engineering & Surveying, Inc.

JET:hls



Applied Sciences

November 11, 2010

Mr. Dan Glaser, P.E.
Lockwood, Andrews & Newnam, Inc.
7650 Courtney Campbell Causeway, Suite 275
Tampa, FL 33607

RE: 2010 BILLING RATES

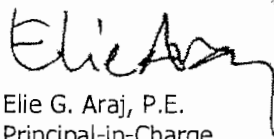
Dear Dan:

Per your request, please find below the hourly rates for our staff for 2010 for use in the Pinellas County Contract:

Classification	Hourly Rate
1 Expert Testimony	\$ 184
2 Senior Principal	\$ 180
3 Principal Consultant	\$ 164
4 Supervisory Engineer	\$ 155
5 Sr. Professional Engineer	\$ 137
6 Professional Engineer	\$ 113
7 Engineer III	\$ 104
8 Engineer II	\$ 98
9 Engineer I	\$ 72
10 Sr. Design Engineer	\$ 103
11 Design Engineer	\$ 91
12 Designer II	\$ 83
13 Designer I	\$ 75
14 Senior Technician	\$ 63
15 Technician II	\$ 59
16 Technician I	\$ 53
17 Landscape Architect	\$ 79
18 Sr. Scientist Ph D	\$ 155
20 Sr. Envir. Scientist	\$ 155
21 Environmental Scientist III	\$ 87
22 Environmental Scientist II	\$ 79
23 Environmental Scientist I	\$ 63
24 Environmental Tech.	\$ 53
25 Construction Svcs Admin	\$ 116
26 Construction Svcs Eng.	\$ 109
27 Administrative Management	\$ 101
28 Administrative Staff	\$ 47
29 Word Processor II	\$ 47
30 Word Processor I	\$ 42
31 Clerical II	\$ 42
32 Clerical I	\$ 32

If there is anything we can do to better serve you, please let me know at your earliest convenience.

Sincerely,
APPLIED SCIENCES CONSULTING, INC.


Elie G. Araj, P.E.
Principal-in-Charge



Lane Engineering, Inc.
11307 Hoot Owl Ct.
Riverview, FL 33569

www.laneengineering.com
p: 813-298-0343
f: 866-458-2316

November 12, 2010

Lockwood, Andrews & Newnam, Inc
7650 Courtney Campbell Causeway Suite 275
Tampa, FL 33607

Subject Schedule of Rate Values for RFP #090-0348-CN (AM) Exhibit A

Lane Engineering, Inc. is pleased to submit this Schedule of Rate Values for potential Construction, Engineering, and Inspection Services roles under RFP #090-0348-CN (AM) as follows:

Senior Engineer	\$120/hr
Stormwater Design, Permitting, & Inspection	
Project Management	
Contracts Administration	
Public Meeting Administration	
Construction Services	
Contract Coordinator	\$100/hr
Contracts Administration	
Construction Services	
Senior Inspector	\$85/hr

Sincerely,

LANE ENGINEERING, INC.

Mandy L. Parks, P.E.

President



THE LPA GROUP INCORPORATED

Transportation Consultants - Project Field Office

CENTER POINT BUSINESS PARK ■ 1911 US HWY 301 NORTH ■ SUITE 150 ■ TAMPA, FLORIDA 33619
813-384-4714 ■ FAX 813-384-4717

November 12, 2010

Daniel E. Glaser, PE
Director of Engineering, Tampa
Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY
7650 Courtney Campbell Causeway, Suite 275
Tampa, FL 33607

RE: PROJECT NAME: Pinellas County General Engineering Services Roadways, Drainage,
Structural, Site, and Traffic Engineering Consulting Services
RFP Number: 090-0348-CN (AM)
Contract Number: C-8P61

Dear Mr. Glaser:

THE LPA GROUP has included in the table below the rate schedule for the current year. Please use 4% ESCALATION FOR FUTURE YEARS. A copy of the FDOT approved qualifications and overhead rate is also attached.

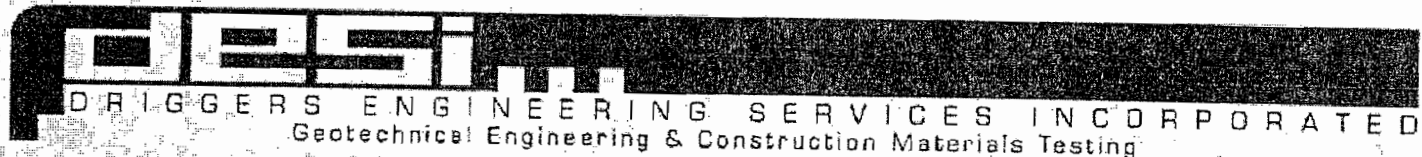
Classification	Billing Rate 2010
Project Manager	\$ 183.27
Chief Engineer / QA.QC	\$ 289.17
Senior Project Engineer or Senior Professional	\$ 177.60
Project Engineer or Professional	\$ 133.65
Senior Engineering Tech / Designer	\$ 103.95
Certified Bridge Inspector Lead Diver	\$ 95.48
Project Assistant / Clerical	\$ 68.47
Annual Escalation beginning 2011	4%

Should you have any questions or need additional information, please call.

Sincerely,

THE LPA GROUP INCORPORATED

Nizar K. Jetha, PE, MASCE
Principal



DRIGGERS ENGINEERING SERVICES, INC.

GEOTECHNICAL SERVICES

**UNIT FEE SCHEDULE
NOVEMBER, 2010**

1.0 ENGINEERING AND PROFESSIONAL SERVICES		
ITEM	DESCRIPTION	UNIT FEE
1.1	Project Engineer	\$ 140.00/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	55.00/Hr.
1.6	Laboratory Director	95.00/Hr.

Sarasota

Phone: 941.371.3949
Fax: 941.371.8962
saroffice@driggers-eng.com

Clearwater

12220 49th Street North • Clearwater, Florida 33762
Phone: 727.571.1313 • Fax: 727.572.4090
clwoffice@driggers-eng.com

Tampa

Phone: 813.948.6027
Fax: 813.948.7545
tpaoffice@driggers-eng.com

2.0 DRILLING SERVICES		
ITEM	DESCRIPTION	UNIT FEE
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)	250.00/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])	320.00/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	13.75/LF
iii.	Cemented Soil (N>50)	13.75/LF
2.5.2	50-100 Feet	
i.	Soil	14.50/LF
ii.	Rock	16.00/LF
iii.	Cemented Soil (N>50)	16.00/LF
2.5.3	100-150 Feet	
i.	Soil	20.00/LF
ii.	Rock	25.00/LF
iii.	Cemented Soil (N>50)	25.00/LF
2.5.4	150-200 Feet	
i.	Soil	30.00/LF
ii.	Rock	35.00/LF
iii.	Cemented Soil (N>50)	35.00/LF

2.6	Track-Mounted Drill Unit	
2.6.1	0-50 Feet	
	i. Soil	\$ 17.50/LF
	ii. Rock	20.50/LF
	iii. Cemented Soil (N>50)	20.50/LF
2.6.2	50-100 Feet	
	i. Soil	21.00/LF
	ii. Rock	24.00/LF
	iii. Cemented Soil (N>50)	24.00/LF
2.6.3	100-150 Feet	
	i. Soil	30.00/LF
	ii. Rock	37.50/LF
	iii. Cemented Soil (N>50)	37.50/LF
2.6.4	150-200 Feet	
	i. Soil	45.00/LF
	ii. Rock	52.50/LF
	iii. Cemented Soil (N>50)	52.50/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)	100.00 Ea.
2.9	Grouting of Boreholes per SWFWMD Regulations	4.00/LF
2.10	Rock Coring	
2.10.1	NX Size (approximately 2 1/8")	55.00/LF
2.10.2	2 3/4" Diameter	65.00/LF
2.11	Temporary Casing (only if needed)	
2.11.1	4"	6.25/LF
2.11.2	6"	10.00/LF
2.12	Patch Borehole in Asphalt or Concrete	75.00 Ea.
2.13	Hand Auger Boring	9.50/LF
2.14	Hand Cone Penetrometer	1.50/LF
2.15	Double-Ring Infiltration Test (Local and Depth <3 Feet) (ASTM D3385)	475.00 Ea.

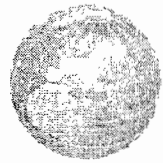
3.0 LABORATORY GEOTECHNICAL TESTING		
ITEM	DESCRIPTION	UNIT FEE
3.1	Grainsize Analysis (ASTM D422-92)	\$30.00 Ea.
3.2	Hydrometer of Soil (ASTM D422-92)	125.00 Ea.
3.3	Organic Content (FM 1T-267)	30.00 Ea.
3.4	Atterberg Limit (Plastic and Liquid) (ASTM D43-18-87)	60.00 Ea.
3.5	Corrosivity Series (Resistivity, pH, SO ₄ , CL) (FDOT Method)	250.00 Ea.
3.6	Consolidation Test	300.00 Ea.
3.7	Laboratory Permeability on Sand (ASTM D-2434-74)	175.00 Ea.
3.8	Constant Head Permeability (ASTM D2434-74)	200.00 Ea.
3.9	Permeability with Back Pressure Saturation (ASTM D-5084-90)	350.00 Ea.
3.10	Unconfined Compression Test	150.00 Ea.
3.11	Split-Tensile Test	100.00 Ea.
3.12	Triaxial Compression Test	
	3.12.1 Unconsolidated - Undrained	150.00/Test
	3.12.2 Consolidated - Undrained	300.00/Test
	3.12.3 Consolidated - Undrained with Pore Pressure Measurements	450.00/Test
3.13	Specific Gravity of Soil (ASTM D-854-92)	30.00 Ea.
3.14	Limerock Bearing Ratio (FM 5-515)	270.00 Ea.

4.0 PILING INSPECTION		
ITEM	DESCRIPTION	UNIT FEE
4.1	Inspection of Auger-Cast, Drilled Shaft or Driven Pile (Minimum Charge of 8 Hours Per Day)	\$ 60.00 Hr.
4.2	Pile Compressive Load Test (ASTM D1143)*	1,800.00 Ea.
4.3	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.

NOTES

1. Geotechnical, drilling and special testing services required by client on an overtime basis (in excess of 8 hours per day, Saturday, Sunday or Holidays) will be charged the quoted rate x 1.2.
2. Fees for other services provided by **DRIGGERS ENGINEERING SERVICES, INC.** will be supplied upon request.
3. All hourly rates are charged portal to portal.
4. Three (3) report copies will be provided by **DRIGGERS ENGINEERING SERVICES, INC.**



**EARTH
RESOURCES**
CONSULTING SCIENTISTS

**HOURLY RATES FOR PROFESSIONAL SERVICES
NOVEMBER 2010**

Title	Hourly Rate
Senior Environmental Scientist	\$110
Environmental Scientist I	\$80
GIS Specialist	\$70
Administrative	\$65



Civil Engineering • Surveying • Transportation Planning & Engineering • Land Planning • Environmental

November 15, 2010

Merry Celeste
Contracts Services Supervisor
Public Works Department
440 Court Street
Clearwater, FL 33756

Re: **Schedule of Rate Values for Roadways, Drainage,
Structural, Site, and Traffic Engineering Consulting Services
RFP #090-0348-CN (AM)**

Dear Merry:

We appreciate the opportunity to provide below a schedule of rate values addressing Florida Design Consultants' rates as well as our subconsultants.

Florida Design Consultants, Inc.

<u>CLASSIFICATION</u>	<u>BILLABLE RATE</u>
Principal	\$ 165.00
Sr. Project Manager	\$ 140.00
Project Manager	\$ 120.00
Senior Engineer	\$ 115.00
Construction Manager	\$ 110.00
Project Coordinator	\$ 105.00
Project Engineer	\$ 100.00
Sr. Field Representative	\$ 105.00
Sr. Designer	\$ 100.00
Designer	\$ 85.00
Engineer	\$ 85.00
Sr. Ecologist	\$ 120.00
Ecologist	\$ 100.00
Senior Professional Surveyor & Project Manager	\$ 125.00
Professional Surveyor	\$ 105.00
Senior CADD Technician	\$ 80.00
CADD Technician	\$ 75.00
Technical Support	\$ 65.00
5-Man Survey Crew	\$ 160.00
4-Man Survey Crew	\$ 150.00
3-Man Survey Crew	\$ 135.00

2-Man Survey Crew	\$ 115.00
4- Man GPS Crew	\$ 155.00
3- Man GPS Crew	\$ 140.00
2- Man GPS Crew	\$ 120.00
Clerical	\$ 45.00

Ayres Associates, Inc.

<u>CLASSIFICATION</u>	<u>BILLABLE RATE</u>
Vice President/Officer-in-Charge	\$ 177.41
Project Manager/Associate Principal	\$ 147.34
Senior Engineer/Scientist	\$ 129.30
Engineer/Scientist (III-IV)	\$ 108.50
Engineer/Scientist (I-III)	\$ 81.19
Field Technician	\$ 63.15
Senior Designer	\$ 87.20
Drafter/CADD Operator	\$ 63.15
Fiscal/Accounting	\$ 81.19
Administrative/Clerical	\$ 55.80

Tierra, Inc.

<u>CLASSIFICATION</u>	<u>BILLABLE RATE</u>
Field Engineering and Technical Services	
<u>Site Recon./Utility Coordination/Traffic Control</u>	
Sr. Engineering Technician Hour	\$ 65.00
Engineering Technician Hour	\$ 45.00
Engineering and Technical Services	
Project Manager	\$ 140.00
Senior Project Engineer	\$ 125.00
Senior Specialist	\$ 100.00
Project Engineer	\$ 105.00
Engineering Intern	\$ 90.00
Computer Technician	\$ 70.00
Sr Engineering Technician	\$ 65.00
Engineering Technician	\$ 45.00
Secretary/Clerical	\$ 50.00

Merry Celeste
November 15, 2010
Page 3

L.A. Design, Incorporated

<u>CLASSIFICATION</u>	<u>BILLABLE RATE</u>
Senior Landscape Architect	\$ 120.00
Chief Scientist	\$ 120.00
Landscape Architect	\$ 80.00
AutoCAD Senior Tech	\$ 65.00

Geo Masters, Inc.

<u>CLASSIFICATION</u>	<u>BILLABLE RATE</u>
Ground Penetrating Radar and Crew	\$ 150.00
Vacuum Truck and Crew	\$ 187.50

Please do not hesitate to call or email me at gwegener@fldesign.com if you have any questions or concerns related to the above schedule of rate values.

Sincerely,



Gregory B. Wegener, P.E.
Director of Engineering

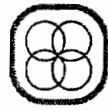


Exhibit "A"
Hourly Rate Schedule
Effective May 27, 2009

Administrative/Office Support

Secretarial Support \$47.00

Engineering

Engineering Technician V \$75.00

Engineer II \$75.00

Engineer IV \$85.00

Engineer VII (P.E.) \$120.00

CEI

Inspector II \$65.00

Inspection Manager \$135.00

Resident Engineer \$155.00

GIS

GIS Technician \$55.00

GIS Analyst \$80.00

Environmental

Environmental Scientist I \$70.00

Senior Ecologist \$120.00

Expert Witness

Expert Witness Research \$145.00

Expert Witness Testimony \$250.00

Survey

3-Man Survey Crew \$135.00

Surveyor in Training / Technician I \$55.00

Surveyor in Training / Technician II \$65.00

Professional Surveyor & Mapper IV \$135.00

Professional Surveyor & Mapper V \$160.00

Subsurface Utility

3-Man Vacuum Excavation S.U.E. Crew \$150.00

S.U.E. Project Manager \$105.00

Utility Locate Technician \$55.00

Planning

Planner I \$65.00

Senior Planner II \$125.00

Lead Planner \$125.00

Management

Senior Project Manager II \$150.00

Senior Project Manager III \$180.00

Department Managers (Eng. Eco. PLS) \$205.00



November 12, 2010

DRMP, Inc.
3816 W. Linebaugh Ave., Suite 400
Tampa, Florida 33618

27150 Gill Road
Myakka City FL 34251

Office: 941-322-2815
agarland@gtseng.com
www.GTSEng.com

Providing Timely, Professional Engineering Solutions

Re: Schedule of Rate Values

Dear Sir or Madam:

Garland Traffic Solutions, Inc, d/b/a GTS Engineering is pleased to submit this Schedule of Rate Values as a subconsultant to **DRMP, Inc** for the **Pinellas County RFP #090-0348-CM (AM)**.

EXHIBIT A
SCHEDULE OF RATE VALUES
(Loaded)

CLASSIFICATION	\$/Hr
Project Manager	\$105.00
Project Engineer	\$80.00
CADD Technician	\$55.00
Senior Technician	\$50.00
Technician	\$40.00

Please feel free to contact me if you have any questions. We look forward to working with you on this contract.

Respectfully,
GTS Engineering

Angela M. Garland, PE, PTOE
President



planning
landscape architecture
environmental graphics

Better Living by Design!

1021 east robinson street, suite b
orlando, fl 32801-2004
407.422.1449 (office/fax)
www.hhidesign.com

florida license LCC000027
M/WBE certified

November 11, 2010

To: DRMP

Re: General Engineering Consultant for Pinellas County
RFP #090-0348-CN (AM)
Schedule of Rate Values

<u>Classification</u>	<u>Current Rate</u>
Project Manager	\$90.62
Senior Landscape Architect	\$87.23
Designer	\$53.46
Planner	\$50.43
Landscape Architect	\$41.92

EXHIBIT A

Fee Schedule

Janicki Environmental, Inc.

Pinellas County RFP #090-0348-CN (AM)

Roadways, Drainage, Structural Site, and Traffic Engineering Consulting Services

Labor Classification	Hourly Billing Rate
Principal Scientist	\$150
Senior Scientist	\$90
Scientist	\$75
Support Staff	\$55



November 11, 2010

Pinellas County Public Works
440 Court Street
Clearwater, Florida 33756

Re: **Exhibit A**
Rate Values for Roadways, Drainage, Structural, Site and Traffic
Engineering Consulting Services
RFP #090-0348-CN (AM)

Following are the billable hourly rates for Omni Communications to fulfill the requested services of Utility Coordination, Public Information and Subsurface Utility Engineering on the above referenced contract.

CLASSIFICATION	Rate
Sr. Utility Coordinator - Hour	\$111.99
Utility Coordinator - Hour	\$107.21
Public Involvement Specialist	\$107.21
Secretary - Hour	\$52.35
CADD Technician - Hour	\$59.50
Utility Locating Crew – Daily 1. Utility Coordinator - \$107.21 2. Sr. Engineering Tech. - \$ 56.19 3. Utility Technician - \$ 42.27	\$1,645.36
Utility Designating Crew – Daily 1. Utility Coordinator - \$107.21 2. Engineering Tech. - \$ 49.65 3. Utility Technician - \$ 42.27	\$1,593.04

I certify that the above hourly rates are the normal rates Omni Communications charges to both public and private clients on hourly contracts.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer C. Stafford".

Jennifer C. Stafford
Omni Communications

8473 W. Linebaugh Ave. Tampa, Florida 33625
Telephone: (813) 852-1888 Fax: (813) 852-1788

TIERRA

November 12, 2010

Dyer, Riddle, Mills and Precourt, Inc.
3816 W. Linebaugh Avenue
Suite 400
Tampa, FL 33618

Attn: Mr. Scott Garth P.E.

**RE: Request for Schedule of Rate Values for
Roadways, Drainage, Structural, Site and
Traffic Engineering Consulting Services
Pinellas County Public Works
RFP #090-0348N (AM)
Tierra Project #: 6111-10-345**

Mr. Garth,

Thank you for the opportunity to join your team for the General Engineering Consultant Contract for Pinellas County.

Please find attached Ti'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 Co.

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 Engineer



5550 NW 111th BLVD.
GAINESVILLE, FLORIDA 32653
TEL: 386-418-6400
FAX: 386-418-6401

www.appliedtm.com

**Roadways, Drainage, Structural, Site and Traffic Engineering
Consulting Services:**

Schedule of Rate Values

Category	Rate
Chief Engineer	\$191.75
Project Manager	\$151.61
Project Engineer	\$148.16
Environmental Manager	\$105.00
CADD	\$81.70
GIS Tech	\$76.60
Clerical/Admin	\$43.65

Coastal, Environmental, Marine, and Water Resources Engineering

GPI Southeast, Inc.

Engineering, Surveying, Environmental, Coatings, and Construction Inspection

Exhibit A – Schedule of Hourly Rates

Rates Inclusive of Labor, Benefits, Overhead, Direct Charges*, and Profit

Classification	Hourly Rate	Classification	Hourly Rate
1 Expert Testimony	\$ 190	31 Principal Scientist	\$ 170
2 Senior Principal	\$ 175	32 Senior Environmental Scientist II	\$ 147
3 Principal Consultant	\$ 170	33 Senior Environmental Scientist I	\$ 136
4 Principal Engineer	\$ 165	34 Environmental Scientist IV	\$ 122
5 Senior Engineer/Sr Project Mgr	\$ 160	35 Environmental Scientist III	\$ 110
6 Engineer V/Project Mgr	\$ 150	36 Environmental Scientist II	\$ 87
7 Engineer IV	\$ 135	37 Environmental Scientist I	\$ 73
8 Engineer III	\$ 120	38 Environmental Technician II	\$ 65
9 Engineer II	\$ 100	39 Environmental Technician I	\$ 58
10 Engineer I	\$ 85	40 Principal Surveyor	\$ 160
11 Engineer Assistant Transportation Department	\$ 70	41 Supervising Surveyor	\$ 130
12 Head	\$ 185	42 4 Man Crew	\$ 170
13 Chief Transportation Engineer	\$ 168	43 3 Man Crew	\$ 140
14 Transportation Planner	\$ 150	44 2 Man Crew	\$ 110
15 Senior Environmental Specialist	\$ 118	45 Senior Survey Analyst	\$ 110
16 GIS Analyst III	\$ 112	46 Survey Analyst II	\$ 100
17 GIS Analyst II	\$ 98	47 Survey Analyst I	\$ 90
18 GIS Analyst I	\$ 79	48 Survey Field Sr Inspector/Contract	\$ 50
19 Planning Manager	\$ 160	49 Administrator	\$ 140
20 Senior Planner	\$ 125	50 Sr. Coatings Inspector	\$ 88
21 Planner III	\$ 104	51 Sr. Bridge Inspector	\$ 72
22 Planner II	\$ 97	52 CADD Designer	\$ 110
23 Planner I	\$ 75	53 CADD Operator II	\$ 95
24 Planning Technician	\$ 66	54 CADD Operator I	\$ 85
25 Senior Designer	\$ 150	55 Word Processor III	\$ 75
26 Designer II	\$ 120	56 Word Processor II	\$ 55
27 Designer I	\$ 105	57 Word Processor I	\$ 50
28 Senior Landscape Architect	\$ 155	58 Administrative Management	\$ 116
29 Landscape Architect	\$ 120	59 Admin Assistant II	\$ 60
30 Assistant Landscape Architect	\$ 100	60 Admin Assistant I	\$ 50

EXHIBIT A

PINELLAS COUNTY PUBLIC WORKS Roadways, Drainage, Structural, Site and Traffic Engineering Consulting Services RFP 090-0348-CN (AM)

King Engineering Associates, Inc.
(Hourly Rate Sheet)

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

Subconsultant - Driggers Engineering Services, Inc.	
Classification	Hourly Rate
Project Engineer	\$ 140.00
Senior Engineer (P.E.)	\$ 150.00
Principal Engineer (P.E.)	\$ 175.00
CADD Operator	\$ 67.50
Clerical	\$ 55.00
Laboratory Director	\$ 95.00

Subconsultant - RTDGroup	
Classification	Hourly Rate
Chief Engineer	\$ 174.22
Appraiser	\$ 106.50
Project Manager	\$ 86.03
Contract Administrator	\$ 72.06
Contract Administrator	\$ 96.34

Subconsultant - MAP Engineering Company	
Classification	Hourly Rate
Chief Engineer	\$ 198.92
Senior Engineer	\$ 154.92
Project Engineer	\$ 121.29
Engineer Intern	\$ 82.26
Comp. Technician	\$ 75.00
Sr. Engineering Technician	\$ 86.59
Engineering Technician	\$ 64.69



311 N. Newport Avenue
Tampa, Florida 33606
Phone: 813.250.3535 - Fax: 813.250.3636
Offices in Florida and Texas
www.HamiltonES.com

Jack S. Hamilton, Jr., PE
President, Chief Executive Officer

John A. Eveland, PE, LEED AP
Executive Vice President

Richard C. Hinson, PSM
Vice President

Michael J. Hardy, PE
Chief Financial Officer

Lucas Carlo, PE

Kevin M. Bynum, PE

Heather E. Wertz, PE, LEED AP

Aaron J. Murphy, PSM

Exhibit A

Hamilton Engineering & Surveying, Inc. *FDOT Title / (Hamilton Title)*

Project Manager (PM)	\$165.00
Sr. Engineer (PIC/Sr. PM)	\$150.00
Engineer (Sr. Designer).....	\$110.00
Designer (Designer).....	\$ 90.00
CEI Sr. Inspector/Sr. Engineer Intern (Field Inspector)	\$ 65.00
CADD/Computer Technician ...(CADD Operator).....	\$ 60.00
Secretary/Clerical ...(Administrative).....	\$ 45.00
Senior Surveyor & Mapper	\$135.00
Surveyor Tech	\$ 75.00
Party Chief (Party Chief)	\$ 60.00
Instrument Man (Instrument Man)	\$ 42.00
Environmental	\$ 65.00

Sub-consultants

Raysor Transportation Consulting, LLC

Sr. Engineer/PM	\$165.00
Engineer	\$ 90.00
CADD Operator	\$ 60.00
Clerical	\$ 45.00

JL Arnold Engineering Inc.


Please see attached list.

PSI

Please see attached list.

Submitted by:

Hamilton Engineering & Surveying, Inc.


Mike Hardy, P.E.
Chief Financial Officer



JL Arnold Engineering, Inc.
Structural Engineers

Pinellas County 090-0348-CN (AM)
Roadway, Drainage, Structural, Civil and Traffic Engineering Consulting Services

Certified Billing Rates (Included Overhead, FCCM and Operating Margin):

<u>Employee Name</u>	<u>Classification</u>	<u>Hire Date</u>	<u>Billing Rate</u>
Arnold, Jeff	Senior Engineer	01/13/2004	\$160.00
Steijlen, Paul	Senior Engineer	10/15/2008	\$160.00
Pai, Niranjana	Senior Engineer	10/15/2008	\$160.00
Raymond, Szeto	Engineer	07/22/2010	\$120.00
Schnier, Tanya	Engineer	10/18/2010	\$120.00
Amlin, Rick	Engineer	10/18/2010	\$120.00
Glass, Cynthia	Senior Cadd Technician	03/12/2009	\$75.00

Sincerely,
JL Arnold, Engineering, Inc.
Certificate of Authorization 0025853

Jeff Arnold, PE, SE
President
PE 22792

Files: 201045.00

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA

A. ENGINEERING SERVICES

The following hourly rates will be applicable for all time spent by Engineers for consultations, evaluations of field and laboratory data, non-routine preparation of field and laboratory data, non-routine preparation of engineering reports, general consultations, conferences and inspections relative to special requests for Engineering Services.

1. Chief Engineer/Scientist (P.G./P.E.)	\$145.00	Per Hour
2. Principal Consultant (P.G./P.E.)	\$130.00	Per Hour
3. Certified Industrial Hygienist (C.I.H.)	\$130.00	Per Hour
4. Senior Project Manager Engineer/Geologist (P.E./P.G)	\$110.00	Per Hour
5. Project Engineer/Geologist	\$90.00	Per Hour
6. Staff Engineer/Geologist	\$84.00	Per Hour
7. Environmental Specialist/ Industrial Hygienist Technician	\$65.00	Per Hour

B. TECHNICIAN AND SUPPORT SERVICES

The following hourly rates will be applicable to general site visits as may be requested for the purpose of sampling materials, delay time, travel time, and conduction inspections and services that are not charged on a unit fee basis.

1. GIS Specialist	\$75.00	Per Hour
2. Senior Engineering Technician	\$50.00	Per Hour
3. Engineer Technician	\$45.00	Per Hour
4. Drafting Services	\$52.00	Per Hour
5. Secretarial Services	\$35.00	Per Hour

C. REIMBURSABLE EXPENSES

Travel time will be charged at applicable hourly rates and travel expenses for other than automobile and hotel/per diem will be reimbursed at cost. These items typically not charged, due to local proximity of projects.

Meal Expense	\$40.00	Man-Day
Per Diem and Hotel	\$90.00	Man-Day
Pick-up/Car Milage	\$0.58	Mile

D. FIELD EXPLORATION

1. Preliminary Reconnaissance		Per Hour Basis
2. Preliminary Shallow Soil Survey muck, water, etc.		Per Project Per Hour Basis
3. Unusual Land Features Requiring Special Considerations		Per Project Per Hour Basis
4. Traffic Control Equipment		Per Project Basis
5. Subsurface Soil Exploration		
a. Manual Auger Borings	\$53.00	Per Man Hour
Truck Mounted Drilling Rig		
b. Mobilization	\$400.00	Per Project

PSI
2010 TO 2011
**FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA**

c. Soil Borings:

i. Power auger borings	\$9.00	Per L.F.
ii. Standard Penetration Test (SPT) borings		
0 - 50' Depths	\$10.50	Per L.F.
50 - 100' Depths	\$12.50	Per L.F.
100 - 150' Depths	\$20.00	Per L.F.
150 - 200' Depths	\$25.00	Per L.F.
iii. Rock Coring		
0 - 50' Depths	\$34.00	Per L.F.
50 - 100' Depths	\$40.00	Per L.F.
100 - 150' Depths	\$45.00	Per L.F.
150 - 200' Depths	\$60.00	Per L.F.
iv. Install Casing		
0 - 50' Depths	\$6.00	Per L.F.
50 - 100' Depths	\$7.00	Per L.F.
100 - 150' Depths	\$8.50	Per L.F.
150 - 200' Depths	\$11.20	Per L.F.
v. Seal Boreholes with Cement/Bentonite		
0 - 50' Depths	\$4.00	Per L.F.
50 - 100' Depths	\$5.00	Per L.F.
100 - 150' Depths	\$7.75	Per L.F.
150 - 200' Depths	\$9.90	Per L.F.
vi. Extra Split Spoon Samples		
0 - 50' Depths	\$30.00	Each
50 - 100' Depths	\$40.00	Each
100 - 150' Depths	\$78.00	Each
150 - 200' Depths	\$100.00	Each

All Terrain Vehicle/Track Mounted Drilling Rig

d. Mobilization \$525.00 Per Project

e. Soil Borings:

i. Power auger borings	\$9.75	Per L.F.
ii. Standard Penetration Test (SPT) borings		
0 - 50' Depths	\$11.50	Per L.F.
50 - 100' Depths	\$15.00	Per L.F.
100 - 150' Depths	\$26.00	Per L.F.
150 - 200' Depths	\$27.00	Per L.F.
iii. Rock Coring		
0 - 50' Depths	\$37.00	Per L.F.
50 - 100' Depths	\$43.00	Per L.F.
100 - 150' Depths	\$48.00	Per L.F.
150 - 200' Depths	\$63.00	Per L.F.
iv. Install Casing		
0 - 50' Depths	\$6.50	Per L.F.
50 - 100' Depths	\$7.70	Per L.F.
100 - 150' Depths	\$8.70	Per L.F.
150 - 200' Depths	\$11.50	Per L.F.

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA

v. Seal Boreholes with Cement/Bentonite		
0 - 50' Depths	\$5.00	Per L.F.
50 - 100' Depths	\$6.00	Per L.F.
100 - 150' Depths	\$8.00	Per L.F.
150 - 200' Depths	\$10.25	Per L.F.
vi. Extra Split Spoon Samples		
0 - 50' Depths	\$35.00	Each
50 - 100' Depths	\$45.00	Each
100 - 150' Depths	\$80.00	Each
150 - 200' Depths	\$105.00	Each
Barge Mounted Drilling Rig		
f. Mobilization	\$10,000.00	Per Project
g. Soil Borings:		
i. Standard Penetration Test (SPT) borings		
0 - 50' Depths	\$17.50	Per L.F.
50 - 100' Depths	\$22.50	Per L.F.
100 - 150' Depths	\$36.50	Per L.F.
150 - 200' Depths	\$52.00	Per L.F.
ii. Rock Coring		
0 - 50' Depths	\$49.00	Per L.F.
50 - 100' Depths	\$59.00	Per L.F.
100 - 150' Depths	\$66.00	Per L.F.
150 - 200' Depths	\$88.00	Per L.F.
iii. Install Casing		
0 - 50' Depths	\$9.60	Per L.F.
50 - 100' Depths	\$11.25	Per L.F.
100 - 150' Depths	\$13.05	Per L.F.
150 - 200' Depths	\$17.00	Per L.F.
iv. Seal Boreholes with Cement/Bentonite		
0 - 50' Depths	\$6.50	Per L.F.
50 - 100' Depths	\$7.90	Per L.F.
100 - 150' Depths	\$11.25	Per L.F.
150 - 200' Depths	\$15.00	Per L.F.
v. Extra Split Spoon Samples		
0 - 50' Depths	\$49.00	Each
50 - 100' Depths	\$67.00	Each
100 - 150' Depths	\$120.00	Each
150 - 200' Depths	\$155.00	Each
h. Mobilization of Electronic Piezocone Rig		
Within 100 mile radius	\$525.00	Per Trip
i. Cone Penetrometer/Sounding		
0 - 25' Depths	\$11.00	Per L.F.
25 - 50' Depths	\$14.00	Per L.F.
50 - 75' Depths	\$17.00	Per L.F.

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA

i. Install Wells	2-inch Piezometers - Observation Well (DEP Standards)	
0 - 25' Depths	\$40.00	Per L.F.
25 - 50' Depths	\$48.00	Per L.F.
j. Clear/Develop Wells - Drill Crew Time	\$160.00	Per Hour
k. Muck Survey (2 Man Party)	\$790.00	Per Day
l. Flagman & Barricades (2 Man Party)	\$725.00	Per Day
m. Undisturbed (Shelby Samples)		
0 - 50' Depths	\$150.00	Each
50 - 100' Depths	\$200.00	Each
n. Double Ring Infiltration Test	\$445.00	Per Test
o. Field Borehole Permeability Test	\$400.00	Per Test
p. Ground Penetrating Radar Survey	\$2,500.00	Per Day
q. Pavement Cores		
3 Cores Per Set	\$365.00	Per Set
r. Well Finish - 4" Protective Steel with 18" square pad	\$165.00	Each
s. Organic Vapor Analyzer Rental	\$160.00	Per Day

E. LABORATORY SOIL TESTING

1. Identification and Classification		
a. Natural Moisture Content, ASTM D-2216	\$9.00	Each
b. Unit weight and moisture content from (Undisturbed Sample)	\$37.00	Each
c. Liquid and Plastic Limit, ASTM D-423 and D-424	\$80.00	Each
d. Specific Gravity	\$48.00	Each
e. Grain Size Determinations		
i. Full Sieve	\$69.00	Each
ii. Wash through #200	\$45.00	Each
iii. Hydrometer Analysis	\$165.00	Each
f. Organic Content	\$35.00	Each
g. Soil Corrosivity Index - FDOT	\$175.00	Each
2. Consolidation		
a. Consolidation test of undisturbed sample, including loading to over- burden pressure, unloading and reloading	\$430.00	Each
3. Shear Strength		
a. Unconfined compression test on Shelby Tube Sample	\$170.00	Each
b. Triaxial Compression - CU/point	\$425.00	Each
c. Triaxial Compression Test - UU/point	\$425.00	Each
d. Unconfined Compression Test Rock Sample	\$165.00	Each
e. Split tensile test	\$51.00	Each
4. Laboratory Permeability		
a. On Undisturbed Shelby Tube	\$340.00	Each
b. On Re-Molded Sample	\$395.00	Each

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA

5. Compaction and Stabilization		
a. Standard or Modified Proctor on soil (AASHTO T-99 or T-180, 4" mold)	\$90.00	Each
b. Modified Proctor on Limerock (AASHTO T-180, 6" mold)	\$90.00	Each
c. Laboratory LBR or CBR including Modified Proctor	\$305.00	Each

F. ASPHALT MIXTURES

1. Bitumen Extractions	\$110.00	Each
2. Gradations of Extracted Aggregates	\$69.00	Each
3. Marshall Stability (includes density, flow and stability of three (3) specimens)	\$130.00	Each
4. Specific Gravity (RICE Method)	\$310.00	Each
5. Thickness & Density of Cores	\$21.00	Each
6. Mix Designs		
a. Marshall Stability Design, includes absorption, specific gravity, and gradation of the various aggregates; theoretical blending of aggregates to meet gradation requirements of project specifications; molding, curing and testing of two (2) specimens each at 4 liquid asphalt contents for Unit Weight, % Air Voids, % Voids in Mineral Aggregate (V.M.A.), Marshall Stability and Flow; and Preparation of Engineering Report.	\$1,180.00	Each

H. STRUCTURAL STEEL OBSERVATION AND TESTING

1. Visual inspection on structural steel weldments and monitoring of welding process in accordance with A.W.S.D1.1.	\$58.00	Hour
2. Mechanical testing of A-325 and A490 high strength bolted connections in accordance with AISC standards	\$58.00	Hour

I. CONCRETE, GROUT, AND MORTAR TESTING

1. Compressive Strength of Concrete ASTM C39 (4x8 cylindrical specimens)	\$55.00	Per set
2. Compressive Strength of Grout ASTM C1019 (3x6 prisms)	\$55.00	Per set
3. Compressive Strength of Mortar ASTM C109 (2 inch cube specimens)	\$55.00	Per set

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA

J. MISCELLANEOUS FIELD TESTING

1. Nuclear Field Density Test	\$10.00	each
2. Floor Flatness Testing ASTM E1155	\$0.05	per sq. ft.

K. ENVIRONMENTAL FIELD EQUIPMENT AND SUPPLIES

1. Organic Vapor Analyser (OVA)	\$150.00	Day
2. Multi-Gas Monitor (LEL)	\$115.00	Day
3. Groundwater Parameter Meters	\$90.00	Day
4. Data Logger / Pressure Transducer	\$350.00	Day
5. Generator (5 KW)	\$100.00	Day
6. Generator (10 KW)	\$150.00	Day
7. Sediment Coring Equipment	\$150.00	Day
8. Metal Detector	\$45.00	Day
9. Vibracore Sampler	\$250.00	Day
10. Pump - Development / Centrifugal	\$55.00	Day
11. Pump - Peristaltic	\$50.00	Day
12. Pump - Submersible (2-inch well)	\$100.00	Day
13. Trash Pump (2-inch)	\$75.00	Day
14. Soil Sampling Kit	\$250.00	Day
15. Monitor Well Installation Kit	\$265.00	Day
16. Hydrogeology Evaluation Kit	\$275.00	Day
17. Shallow Groundwater Sampling Kit	\$250.00	Day
18. Deep Groundwater Sampling Kit	\$295.00	Day
19. Decontamination Kit	\$55.00	Day
20. Surveying Equipment	\$75.00	Day
21. Coring Drill	\$125.00	Day
22. Water Level Indicator / Interface Probe	\$25.00	Day
23. Digital Camera	\$25.00	Day
24. In-Line Filters	\$48.00	Each

PSI
2010 TO 2011
**FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA**

25. 16 oz. Sample Jars with Lids, 24/case	\$30.00	Case
26. Granular Activated Carbon Cells, 1,800 lbs., each	\$600.00	Week
27. Granular Activated Carbon Cells, 600 lbs., each	\$350.00	Week
28. Backhoe with Operator	\$1,050.00	Day
29. Handheld GPS Unit (+/- three meter accuracy)	\$80.00	Day
30. Barge / Boat Sampling Platform (8 x 8 ft)	\$175.00	Day
31. John Boat / Canoe	\$100.00	Day
32. Pontoon Boat, 20 ft.	\$500.00	Day
33. Air Boat	\$1,700.00	Day
34. Personal Protective Equip. (modified Level D) per man	\$25.00	Day
35. Personal Protective Equip. (Level C) per man	\$100.00	Day
36. Personal Protective Equip. (Level B) per man	\$150.00	Day

L. CHEMICAL, ASBESTOS, LEAD, IAQ, MOLD AND OTHER LAB SERVICES

1. PLM - bulk samples (>48 hr. turn around)	\$22.00	Each
2. Point Count Analysis	\$65.00	Each
3. PCM - air samples (>48 hr. turn around)	\$20.00	Each
4. TEM - air samples (>48 hr. turn around)	\$125.00	Each
5. Air Monitoring (8 hour shift)	\$500.00	Day
6. Air Monitoring (12 hour shift)	\$650.00	Day
7. Ambient Air Samples (non-viable)	\$75.00	Each
8. Ambient Air Sample (viable)	\$75.00	Each
9. Wall Cavity Samples (non-viable)	\$85.00	Each
10. Tape / Lift Sample (non-viable)	\$75.00	Each
11. Swab Sample	\$75.00	Each
12. Live Capture Traps (funnel and bucket)	\$17.00	Each
13. Culturable Fungi Identification and Enumeration	\$65.00	Each
14. Total Fungal Spore Count	\$70.00	Each
15. Endotoxin Analysis	\$115.00	Each

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA

16. Culturable Bacteria Identification and Enumeration	\$140.00	Each
17. Allergen Evaluation (cat, dog, cockroach)	\$55.00	Each
18. Allergen Evaluation (dust mite)	\$85.00	Each
19. Total Volatile Organic Scan	\$455.00	Each
20. Aldehyde Scan	\$225.00	Each
21. Formaldehyde	\$95.00	Each
22. X-ray Fluorescence (XRF) equipment (lead-based paint)	\$250.00	Day
23. Lead in Air Sample	\$35.00	Each
24. Lead Bulk / Chip Sample	\$25.00	Each
25. Lead Wipe Sample	\$25.00	Each
26. Lead TCLP Sample	\$175.00	Each
27. Particulate Dust	\$50.00	Each
28. Silica Dust	\$125.00	Each
29. Ultra-Fine Particle Counter (2-day minimum)	\$225.00	Day
30. Ozone Meter (2-day minimum)	\$125.00	Day
31. Bioaerosol Monitor	\$135.00	Day
32. Single Stage Microbial Sampler	\$85.00	Day
33. Personal Sampling Pumps	\$85.00	Day
34. Drager Tube Pump	\$65.00	Day
35. Drager Tubes	\$19.00	Each
36. Biotest Agar Strips	\$7.50	Each
37. Moisture Meter	\$50.00	Day
38. Noise Dosimeter	\$50.00	Day
39. EPA 18 (air)	\$175.00	Each
40. pH	\$7.50	Each
41. Flashpoint	\$42.00	Each
42. TOX (EPA 450.1)	\$125.00	Each
43. Hardness as CaCO ₃ (EPA 130.2)	\$68.00	Each

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA

44. Nitrogen (nitrate or nitrite)	\$25.00	Each
45. TKN	\$33.00	Each
46. Ortho-phosphate	\$19.00	Each
47. Total phosphate	\$54.00	Each
48. TSS	\$15.00	Each
49. TDS	\$15.00	Each
50. Sulfate	\$19.00	Each
51. Total Sulfide	\$25.00	Each
52. Turbidity	\$15.00	Each
53. Individual Metals, except Mercury	\$22.00	Each
54. RCRA Metals (8)	\$38.00	Each
55. Priority Pollutant Metals (13)	\$175.00	Each
56. Target Analyte List Metals (23)	\$230.00	Each
57. Semi-Volatile Organic Compounds (EPA 8270)	\$315.00	Each
58. Polynuclear Aromatic Hydrocarbons (EPA 8270 or 8310)	\$135.00	Each
59. Volatile Organic Compounds (EPA 8260)	\$150.00	Each
60. Volatile Organic Aromatics (BTEX + MTBE)	\$75.00	Each
61. EDB	\$75.00	Each
62. Volatile Organic Halocarbons (VOH or solvents)	\$90.00	Each
63. Organochlorine Pesticides (EPA 8081)	\$130.00	Each
64. Organophosphorus Pesticides (EPA 8141)	\$160.00	Each
65. PCB's (EPA 8082)	\$95.00	Each
66. Herbicides (EPA 8151)	\$193.00	Each
67. FL-PRO	\$95.00	Each
68. Individual TCLP/SPLP Extraction Fee	\$50.00	Each
69. TCLP/SPLP Metals (RCRA 8)	\$160.00	Each
70. TCLP/SPLP Volatiles (EPA 8260)	\$180.00	Each
71. TCLP/SPLP Semi-Volatiles (EPA 8270)	\$350.00	Each

PSI
2010 TO 2011
FEE SCHEDULE FOR GEOTECHNICAL ENGINEERING,
CONSTRUCTION SERVICES, ENVIRONMENTAL SERVICES AND LABORATORY TESTING
PINELLAS COUNTY, FLORIDA

72. TCLP/SPLP Pesticides (EPA 8081)	\$160.00	Each
73. TCLP/SPLP Herbicides (EPA 8151)	\$225.00	Each
74. Ignitability	\$45.00	Each
75. Reactivity (Total Cyanide and Sulfide)	\$95.00	Each
76. Corrosivity (pH)	\$35.00	Each
77. Pre-burn (VOH, FL-PRO, 4 metals)	\$260.00	Each
78. Full Priority Pollutant List (excluding asbestos, dioxins, furans)	\$900.00	Each
79. Ellutiate Test Prep Fee	\$525.00	Each

M. ENVIRONMENTAL DRILLING SERVICES

1. Geoprobe Drilling Rig (2-man crew)	\$1,800.00	Day
2. Well Permits	\$60.00	Each
3. Shallow Monitor Wells (1/2-inch dia, <15 ft.)	\$225.00	Each
4. Mobilization	\$150.00	Event
5. Monitor Well Pads	\$150.00	Each
6. Well Abandonment	\$10.00	Foot
7. 55-gallon Steel Drums	\$60.00	Each
8. Well Development (2-man crew)	\$140.00	Hour
9. Permitting and Well Completion Report Processing	\$65.00	Hour

N. SUBCONTRACTORS

1. Various Subcontract Fees	Cost + 10 %
-----------------------------	-------------

NOTES:

1. The above unit rates are based on an eight hour day, Monday through Friday. Hours in excess of 8-hours per day or work performed on weekends will be billed at 1.5 times the normal rate. Personnel rates are billed on a portal to portal basis.
2. The above hourly unit rates will be billed in 0.5-hour increments.
3. Actual items will be billed if requested or required during field exploration.
4. Direct-push (Geoprobe) daily rate does not include difficult access, interior drilling, off-shore or barge mounted drilling.
5. Maximum depth for Geoprobe depends on site conditions and is generally less than 60 feet.
6. Other services not listed will be quoted on a per project basis and approved by the Pinellas County Project Manager or designated contact.
7. A minimum charge of 4 hours applies to field testing and observation services.
8. Scheduling or cancellation of field testing and observation services is required at least 2 working days in advance of the date the services are to be performed. Services cancelled without advance notice will be subject to a minimum charge of 4 hours at the corresponding labor category.