

PINELLAS COUNTY GOVERNMENT IS COMMITTED TO PROGRESSIVE PUBLIC POLICY, SUPERIOR PUBLIC SERVICE, COURTEOUS PUBLIC CONTACT, JUDICIOUS EXERCISE OF AUTHORITY AND SOUND MANAGEMENT OF PUBLIC RESOURCES, TO MEET THE NEEDS AND CONCERNS OF OUR CITIZENS TODAY AND TOMORROW.



CONTINUING PROFESSIONAL SERVICES AGREEMENT

RFP TITLE: Material Testing Professional Consulting Services

RFP CONTRACT NO. 21-0155-CN(PLU)

CONTINUING FIRM: AREHNA Engineering, Inc.

PROFESSIONAL SERVICES CONTINUING SERVICES AGREEMENT

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AGREEMENT

**SECTION 1
INTENT OF AGREEMENT**

AGREEMENT FOR PROFESSIONAL Material Testing – Professional Consulting SERVICES FOR Public Works Department

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 AREHNA Engineering, Inc., with offices in Tampa, FL, hereinafter referred to as the CONSULTANT.

WITNESSETH, That:

WHEREAS, the COUNTY Public Works Department requires **PROFESSIONAL Material Testing – Professional Consulting SERVICES** associated with County Projects on an as needed basis, herein referred as PROJECT.

WHEREAS, the COUNTY desires the CONSULTANT provide PROFESSIONAL Material Testing - Professional Consulting SERVICES requisite to the management needs of the COUNTY Public Works Department, and

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

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

**SECTION 2
GENERAL CONDITIONS AND PROFESSIONAL REQUIREMENTS**

2.1 DESCRIPTION OF OVERALL REQUIRED SERVICES

The purpose of this competitive process is to ensure Pinellas County compliance with Section 287.055 Florida Statutes known as the “Consultants’ Competitive Negotiation Act” (CCNA. The CCNA establishes contracting procedures by which counties must select architects, professional engineers, landscape architects, and surveyors and mappers (“Professional Firms” for architectural, engineering, landscaping and mapping services (“Professional Services”). The CCNA process allows for professional firms to be chosen on quality of personnel, minority business enterprise consideration, past performance, willingness to meet time and budget requirements, location, workload, and volume of work previously awarded to each Professional Firm by the County.

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

2.3 CONSULTING RESPONSIBILITIES

- A. It is the intention of the COUNTY that the CONSULTANT is held accountable for its work, including checking and plans review, and that submittals are complete.
- B. The CONSULTANT shall be responsible for the accuracy of the work and shall promptly correct its errors and omissions without additional compensation. Acceptance of the work by the COUNTY will not relieve the CONSULTANT of the responsibility for subsequent correction of any errors and the clarification of any ambiguities.
- C. The CONSULTANT represents that it has secured or will secure all personnel necessary to complete this Agreement; none of whom shall be employees of or have any contractual relationship with the COUNTY. Primary liaison with the COUNTY will be through the CONSULTANT’S Project Manager. All of the services required herein will be performed by the CONSULTANT or under the CONSULTANT’S supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under law to perform such services.
- D. The CONSULTANT shall endorse all reports, calculations, contract plans, and survey data. Services shall be prepared under the direction of an Licensed 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 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

- 2.4.1 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.
- 2.4.2 Supplier acknowledges and warrants that all digital content and services provided under this contract conforms and shall continue to conform during the Term of this Agreement to the W3C Web Content Accessibility Guidelines, version 2.0 ("WCAG 2.0") at conformance Level A and AA. If all digital content and services does not fully conform to WCAG 2.0 A and AA, Supplier shall advise Pinellas County in writing of the nonconformance prior to execution of this Agreement and shall provide Pinellas County a plan to achieve conformance to WCAG 2.0 A and AA, including but not limited to, an intended timeline for conformance. Failure to achieve conformance, as determined in Pinellas County's sole discretion, on its intended timeline shall be considered a material breach of this Agreement and grounds for termination by Pinellas County.

If during the Term of this Agreement, Supplier fails to maintain compliance with WCAG 2.0 A and AA or Pinellas County otherwise identifies an issue related to accessibility of the product (the "Accessibility Issue") that renders the product inaccessible, then Pinellas County shall notify Supplier of non-compliance. Within 30 days of Supplier's receipt of a non-compliance notice ("Notice"), Supplier and Pinellas County shall meet and mutually agree upon an appropriate timeline for resolution of the Accessibility Issue(s) ("Initial Meeting").

Should Supplier:

- i. fail to acknowledge receipt of the notice within 30 days of receipt of the Notice;
- ii. unreasonably and solely withhold agreement regarding a timeline for resolution for more than 30 days following the Initial Meeting; or
- iii. fail to materially resolve the Accessibility Issue(s) within the agreed-upon timeline,

Failure to comply with the requirements of this section shall constitute a material breach of this Agreement and shall be grounds for termination of this Agreement by Pinellas County and subject Supplier to section 20 of this Agreement, "Indemnification."

2.5 KEY PERSONNEL

- 2.5.1 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.

2.5.2 The Contractor and Subcontractor must register with and use the E-verify system in accordance with Florida Statute 448.095. The County will verify the work authorization of the Contractor and Subcontractor. A Contractor and Subcontractor may not enter into a contract with the County unless each party registers with and uses the E-verify system.

If a Contractor enters a contract with a Subcontractor, the Subcontractor must provide the Contractor with an affidavit stating that the Subcontractor does not employ, contract with, or subcontract with unauthorized aliens. The Contractor must maintain a copy of the affidavit for the duration of the contract.

If the County, Contractor, or Subcontractor has a good faith belief that a person or entity with which it is contracting has knowingly violated Florida Statute 448.09(1) shall immediately terminate the contract with the person or entity.

If the County has a good faith belief that a Subcontractor knowingly violated this provision, but the Contractor otherwise complied with this provision, the County will notify the Contractor and order that the Contractor immediately terminate the contract with the Subcontractor.

A contract terminated under the provisions of this section is not a breach of contract and may not be considered such. Any contract termination under the provisions of this section may be challenged to Section 448.095(2)(d), Florida Statute. Contractor acknowledges upon termination of this agreement by the County for violation of this section by Contractor, Contractor may not be awarded a public contract for at least one (1) year. Contractor acknowledges that Contractor is liable for any additional costs incurred by the County as a result of termination of any contract for a violation of this section.

Contractor or Subcontractor shall insert in any subcontracts the clauses set forth in this section, requiring the subcontracts to include these clauses in any lower tier subcontracts. Contractor shall be responsible for compliance by any Subcontractor or Lower Tier Subcontractor with the clause set for in this section.

SECTION 3 SERVICES TO BE FURNISHED BY THE CONSULTANT

3.1 SERVICES

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

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

3.2 GENERAL SERVICES/SUPPORT TO COUNTY AS NEEDED

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

SECTION 4 PERFORMANCE SCHEDULES

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

- A. The Work Assignments to be performed by the CONSULTANT shall commence upon receipt, from the COUNTY, of a written Notice to Proceed from the COUNTY's Director of Public Works 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.
- C. Each individual Work Assignment issued to the CONSULTANT must have at least a ten percent (10%) financial commitment to a certified Pinellas County Small Business Enterprise

subconsultant for individual work assignments valued at \$50,000.00 or greater. If the prime firm is an SBE, the requirement is already satisfied.

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

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

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

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

SECTION 7 COMPENSATION TO THE CONSULTANT

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

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

7.2 The upset limit for all compensation to be paid under the maximum five (5) year term of this Agreement is an amount not to exceed three million dollars (\$3,000,000.00). 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.

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 WORK ASSIGNMENT

8.1 The COUNTY and the CONSULTANT shall mutually agree on scope of services based on individual work assignment as needed throughout the AGREEMENT term, thus Work Assignment authorization by an approved purchase order.

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

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

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

9.2 The COUNTY reserves the right to review the qualifications of any and all subconsultants, and to reject any subconsultant in a proper and timely manner, deemed not qualified. The CONSULTANT may propose an alternate and/or additional subconsultant, other than the subconsultant(s) provided in the Agreement, however, the CONSULTANT: 1) shall provide a written explanation to the Purchasing Department and the responsible COUNTY department director or authorized designee for the alternate and/or additional subconsultant prior to the engagement; and 2) must receive written approval from the responsible COUNTY department director or authorized designee prior to the engagement.

Alternate and/or additional subconsultants shall have labor/equipment rates and labor categories consistent with those presented in the Agreement and shall not cause an increase to the original contract award amount. If the labor/equipment rates and labor categories offered by the alternate and/or additional subconsultant are not contained in the Agreement, the CONSULTANT must verify in writing to the Purchasing Department and the responsible COUNTY department director or authorized designee that the rates for the services and equipment provided are fair and reasonable and shall not cause an increase to the original contract award amount.

**SECTION 10
SATISFACTORY PERFORMANCE**

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

**SECTION 11
RESOLUTION OF DISAGREEMENTS**

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

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

**SECTION 12
CONSULTANTS ACCOUNTING RECORDS**

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

12.2 The CONSULTANT'S records shall be open to inspection and subject to examination, audit, and/or reproduction during normal working hours by the COUNTY'S agent or authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the CONSULTANT or any of his payees pursuant to the execution of the Agreement. These records shall include, but not be limited to, accounting records, written policies and procedures, subconsultant files (including proposals of successful and unsuccessful bidders), original estimates, estimating worksheets, correspondence, change order files (including documentation covering negotiated settlements), and any other supporting evidence necessary to substantiate charges related to this Agreement. They shall also include, but not be limited to, those records necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with this Agreement. The COUNTY shall not audit payroll and expense records on work 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 five (5) years from the date of final payment.

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

**SECTION 13
OWNERSHIP OF PROJECT DOCUMENTS**

Upon completion or termination of this Agreement,

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

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

**SECTION 14
INSURANCE COVERAGE**

The Consultant must maintain insurance in at least the amounts required in the Request for Proposal throughout the term of this contract. The Consultant must provide a Certificate of Insurance in accordance with Insurance Requirements of the Request for Proposal, evidencing such coverage prior to issuance of a purchase order or commencement of any work under this Contract. See Section C Insurance Requirements – Attached.

**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 Consultant 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**

If the CONSULTANT is an individual or entity licensed by the State of Florida who holds a current certificate of registration or is qualified under Chapter 481, Florida Statutes, to practice architecture or landscape architecture, under Chapter 472, Florida Statutes, to practice land surveying and mapping, or under Chapter 471, Florida Statutes, to practice engineering, and who enters into a written agreement with the COUNTY relating to the planning, design, construction, administration, study, evaluation, consulting, or other professional and technical support services furnished in connection with any actual or proposed construction, improvement, alteration, repair, maintenance, operation, management, relocation, demolition, excavation, or other facility, land, air, water, or utility development or improvement, the CONSULTANT will indemnify and hold harmless the COUNTY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct, or for any violation of requirements of the Americans with Disabilities Act of 1990, as may be amended, and all rules and regulations issued pursuant thereto (collectively the "ADA") of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of the Agreement.

**SECTION 21
INTEREST ON JUDGMENTS**

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

**SECTION 22
TERMINATION OF AGREEMENT**

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

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

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

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

**SECTION 23
AGREEMENT TERM**

23.1 This Agreement will become effective on the date of execution first written above and shall remain in effect for five (5) 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 five (5) year term however, the COUNTY reserves the right to re-negotiate rates based on current market conditions. The hourly rates provided are fully loaded and include all labor, overhead, expenses and profit of any nature including travel within the Tampa Bay metropolitan Statistical area. Travel outside of the Tampa Bay Metropolitan Statistical Area will be reimbursed in accordance with Section 112.061 F.S. and/or the County Travel Policy, as approved by the County.

**SECTION 24
CONFLICT OF INTEREST**

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

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

**SECTION 25
EXTENT OF AGREEMENT**

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

**SECTION 26
PUBLIC ENTITY CRIMES**

CONSULTANT is directed to the Florida Public Entity Crime Act, Fla. Stat. 287.133, and Fla. Stat. 287.135 regarding Scrutinized Companies, and CONSULTANT agrees that its bid and, if awarded, its performance of the agreement will comply with all applicable laws including those referenced herein. CONSULTANT represents and certifies that CONSULTANT is and will at all times remain eligible to bid for and perform the services subject to the requirements of these, and other applicable, laws. CONSULTANT agrees that any contract awarded to CONSULTANT will be subject to termination by the County if CONSULTANT fails to comply or to maintain such compliance.

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
PUBLIC RECORDS**

Consultant acknowledges that information and data it manages as part of the services may be public records in accordance with Chapter 119, Florida Statutes and Pinellas County public records policies. Consultant agrees that prior to providing services it will implement policies and procedures to maintain, produce, secure, and retain public records in accordance with applicable laws, regulations, and County policies, including but not limited to the Section 119.0701, Florida Statutes. Notwithstanding any other provision of this Agreement relating to compensation, the Consultant agrees to charge the County, and/or any third parties requesting public records only such fees allowed by Section 119.07, Florida Statutes, and County policy for locating and producing public records during the term of this Agreement.

CONTRACTOR'S DUTY

If the Contractor has questions regarding the application of Chapter 119, Florida Statutes, to the Contractor's duty to provide public records relating to this contract, contact the Pinellas County Board of County Commissioners, Purchasing Department, Operations Manager custodian of public records at 727-464-3311, purchase@pinellascounty.org, Pinellas County Government, Purchasing Department, Operations Manager, 400 S. Ft. Harrison Ave, 6th Floor, Clearwater, FL 33756.

**SECTION 28
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: *Amanda S. Pereira*
Print Name: Amanda S. Pereira
Title: Vice President Date: 08/18/2021

By: _____
Chairman Date: _____

ATTEST:
Ken Burke, Clerk of the Circuit Court

By: _____
Deputy Clerk Date: _____

APPROVED AS TO FORM

By: *Jacina Parson*
Office of the County Attorney

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

1. **LIMITATIONS ON LIABILITY.** By submitting a Proposal, the Proposer acknowledges and agrees that the services will be provided without any limitation on Proposer's liability. The County objects to and shall not be bound by any term or provision that purports to limit the Proposer's liability to any specified amount in the performance of the services. Proposer shall state any exceptions to this provision in its response, including specifying the proposed limits of liability in the stated exception to be included in the Services Agreement. Proposer is deemed to have accepted and agreed to provide the services without any limitation on Proposer's liability that Proposer does not take exception to in its response. Notwithstanding any exceptions by Proposer, the County reserves the right to declare its prohibition on any limitation on Proposer's liability as non-negotiable, to disqualify any Proposal that includes exceptions to this prohibition on any limitation on Proposer's liability, and to proceed with another responsive, responsible proposal, as determined by the County in its sole discretion.
2. **INDEMNIFICATION.** By submitting a Proposal, the Proposer acknowledges and agrees to be bound by and subject to the County's indemnification provisions as set out in the Services Agreement. The County objects to and shall not be bound by any term or provision that purports to modify or amend the Proposer's indemnification obligations in the Services Agreement, or requires the County to indemnify and/or hold the Proposer harmless in any way related to the services. Proposer shall state any exceptions to this provision in the response, including specifying the proposed revisions to the Services Agreement indemnification provisions, or the proposed indemnification from the County to the Proposer to be included in the Services Agreement. Proposer is deemed to have accepted and agreed to provide the services subject to the Services Agreement indemnification provisions that Proposer does not take exception to in its response. Notwithstanding any exceptions by Proposer, the County reserves the right to declare its indemnification requirements as non-negotiable, to disqualify any Proposal that includes exceptions to this paragraph, and to proceed with another responsive, responsible proposal, as determined by the County in its sole discretion.
3. **INSURANCE:**

The recommended Proposer must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed below, prior to award of contract. Failure to provide the required insurance within the requested timeframe may result in your submittal being deemed non-responsive.

The contracted Proposer shall obtain and maintain, and require any sub-contractors to obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth. For projects with a Completed Operations exposure, Contractor shall maintain coverage and provide evidence of insurance for two (2) years beyond final acceptance. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and have an AM Best rating of A- VIII or better.

- a) Proposal submittals should include, the Proposer's current Certificate(s) of Insurance in accordance with the insurance requirements listed below. If Proposer does not currently meet insurance requirements, Proposer shall also include verification from their broker or agent that any required insurance not provided at that time of submittal will be in place prior to the award of contract.
- b) Approval by the County of any Certificate(s) of Insurance does not constitute verification by the County that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate(s) of Insurance is in compliance with the requirements of the Agreement. County reserves the right to require a certified copy of the entire insurance policy, including endorsement(s), at any time during the RFP and/or contract period.
- c) All policies providing liability coverage(s), other than professional liability and workers compensation policies, obtained by the Proposer and any subcontractors to meet the requirements of the Agreement shall be endorsed to include **Pinellas County a Political subdivision of the State of Florida** as an Additional Insured.
- d) If any insurance provided pursuant to the Agreement expires or cancels prior to the completion of the work you will be notified by CTrax, the authorized vendor of Pinellas County. Upon notification, renewal certificate(s) of Insurance and endorsement(s) should be furnished to Pinellas County Risk Management at InsuranceCerts@pinellascounty.org and to CTrax c/o JDi Data at PinellasSupport@jdidata.com by the proposer or their agent prior to the expiration date.
 - (1) Proposer shall also notify County within twenty-four (24) hours after receipt, of any notices of expiration, cancellation, nonrenewal or adverse material change in coverage received by said Proposer from its insurer. Notice shall be given by email to Pinellas County Risk Management at InsuranceCerts@pinellascounty.org. Nothing contained herein shall absolve Proposer of this requirement to provide notice.

| |
|---|
| SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS |
|---|

- (2) Should the Proposer, at any time, not maintain the insurance coverages required herein, the County may terminate the Agreement, or at its sole discretion may purchase such coverages necessary for the protection of the County and charge the Proposer for such purchase or offset the cost against amounts due to proposer for services completed. The County shall be under no obligation to purchase such insurance, nor shall it be responsible for the coverages purchased or the insurance company or companies used. The decision of the County to purchase such insurance shall in no way be construed to be a waiver of any of its rights under the Agreement.
- e) The County reserves the right, but not the duty, to review and request a copy of the Contractor's most recent annual report or audited financial statement when a self-insured retention (SIR) or deductible exceeds \$50,000.
- f) If subcontracting is allowed under this RFP, the Prime Proposer shall obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth; and require any subcontractors to obtain and maintain, at all times during its performance of the Agreement, insurance limits as it may apply to the portion of the Work performed by the subcontractor; *but in no event will the insurance limits be less than \$500,000 for Workers' Compensation/Employers' Liability, and \$1,000,000 for General Liability and Auto Liability if required below.*
- (1) All subcontracts between Proposer and its subcontractors shall be in writing and are subject to the County's prior written approval. Further, all subcontracts shall (1) require each subcontractor to be bound to Proposer to the same extent Proposer is bound to the County by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the subcontractor; (2) provide for the assignment of the subcontracts from Proposer to the County at the election of Owner upon termination of the Contract; (3) provide that County will be an additional indemnified party of the subcontract; (4) provide that the County will be an additional insured on all insurance policies required to be provided by the subcontractor except workers compensation and professional liability; (5) provide waiver of subrogation in favor of the County and other insurance terms and/or conditions as outlined below; (6) assign all warranties directly to the County; and (7) identify the County as an intended third-party beneficiary of the subcontract. Proposer shall make available to each proposed subcontractor, prior to the execution of the subcontract, copies of the Contract Documents to which the subcontractor will be bound by this Section C and identify to the subcontractor any terms and conditions of the proposed subcontract which may be at variance with the Contract Documents.
- g) Each insurance policy and/or certificate shall include the following terms and/or conditions:
- (1) The Named Insured on the Certificate of Insurance and insurance policy must match the entity's name that responded to the solicitation and/or is signing the agreement with the County. If Proposer is a Joint Venture per Section A. titled Joint Venture of this RFP, Certificate of Insurance and Named Insured must show Joint Venture Legal Entity name and the Joint Venture must comply with the requirements of Section C with regard to limits, terms and conditions, including completed operations coverage.
 - (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 Contractor.
 - (3) The term "County" or "Pinellas County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and Constitutional offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County.
 - (4) The policy clause "Other Insurance" shall not apply to any insurance coverage currently held by County or any such future coverage, or to County's Self-Insured Retentions of whatever nature.
 - (5) All policies shall be written on a primary, non-contributory basis.
 - (6) Any Certificate(s) of Insurance evidencing coverage provided by a leasing company for either workers compensation or commercial general liability shall have a list of covered employees certified by the leasing company attached to the Certificate(s) of Insurance. The County shall have the right, but not the obligation to determine that the Proposer is only using employees named on such list to perform work for the County. Should employees not named be utilized by Proposer, the County, at its option may stop work without penalty to the County until proof of coverage or removal of the employee by the contractor occurs, or alternatively find the Proposer to be in default and take such other protective measures as necessary.

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

Insurance policies, other than Professional Liability, shall include waivers of subrogation in favor of Pinellas County from both the Proposer and subcontractor(s).

h) The minimum insurance requirements and limits for this Agreement, which shall remain in effect throughout its duration and for two (2) years beyond final acceptance for projects with a Completed Operations exposure, are as follows:

(1) Workers' Compensation Insurance

| | |
|-----------------------------|-------------------|
| Limit | Florida Statutory |
| Employers' Liability Limits | |
| Per Employee | \$ 500,000 |
| Per Employee Disease | \$ 500,000 |
| Policy Limit Disease | \$ 500,000 |

(2) Commercial General Liability Insurance including, but not limited to, Independent Contractor, Contractual Liability Premises/Operations, Products/Completed Operations, and Personal Injury.

| | |
|---|--------------|
| Limits | |
| Combined Single Limit Per Occurrence | \$ 1,000,000 |
| Products/Completed Operations Aggregate | \$ 2,000,000 |
| Personal Injury and Advertising Injury | \$ 1,000,000 |
| General Aggregate | \$ 2,000,000 |

(3) Professional Liability (Errors and Omissions) Insurance with at least minimum limits as follows. If "claims made" coverage is provided, "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", Proposer may submit annually to the County, for a three (3) year period, a current certificate of insurance providing "claims made" insurance with prior acts coverage in force with a retroactive date no later than commencement date of this contract.

| | |
|--------------------------|--------------|
| Limits | |
| Each Occurrence or Claim | \$ 1,000,000 |
| General Aggregate | \$ 1,000,000 |

For acceptance of Professional Liability coverage included within another policy required herein, a statement notifying the certificate holder must be included on the certificate of insurance and the total amount of said coverage per occurrence must be greater than or equal to the amount of Professional Liability and other coverage combined.

(4) Property Insurance Proposer will be responsible for all damage to its own property, equipment and/or materials.

21-0155-CN(PLU), Material Testing Professional Consulting Services

| Classifications | AREHNA Engineering, Inc. | Brightwater Solutions, LLC | Ambient Technologies, Inc. |
|-----------------------------|-----------------------------|-------------------------------|-------------------------------|
| | Hourly Rate | | |
| CADD Technician | | | \$ 100.00 |
| Chief Engineer 2 | \$ 175.00 | \$ 175.00 | |
| Construction Manager | | \$ 180.00 | |
| Construction Superintendent | | \$ 57.00 | |
| Designer | \$ 102.00 | | |
| Engineer 1 | \$ 120.00 | \$ 120.00 | |
| Engineering Intern 1 | \$ 98.00 | \$ 98.00 | |
| Engineering Manager | \$ 225.00 | | |
| Field Crew Supervisor | \$ 82.00 | \$ 82.00 | |
| Field Technician | \$ 57.00 | \$ 57.00 | |
| Geologist | | | \$ 91.00 |
| Laborer | | \$ 52.00 | |
| Professional Geologist | | | \$ 237.00 |
| Project Manager 1 | | | \$ 78.00 |
| Secretary/Clerical | \$ 58.00 | \$ 58.00 | |
| Senior Engineer 2 | \$ 172.00 | \$ 172.00 | |
| Senior Scientist | | | \$ 105.00 |

July 21, 2021

Schedule of Rates
“EXHIBIT A”

Project No: 21-0155-CN(PLU)
Project Title: Material Testing Professional Consulting Services
Consultant: AREHNA Engineering, Inc.

The following rates are AREHNA's proposed staff rates for the above referenced contract. We understand that the rates shall be held firm for the initial contract term and no rate increases shall be granted during this time.

| STAFF CLASSIFICATION | BILLING RATE (\$/HR) |
|-----------------------------|-----------------------------|
| Chief Engineer 2 | \$175.00 |
| Designer | \$102.00 |
| Engineer 1 | \$120.00 |
| Engineer Intern 1 | \$98.00 |
| Engineering Manager | \$225.00 |
| Field Crew Supervisor | \$82.00 |
| Field Technician | \$57.00 |
| Secretary/Clerical | \$58.00 |
| Senior Engineer 2 | \$172.00 |

We look forward to working with you on the contract. If you have any questions or require further information, please contact our office at 813-944-3464.

Sincerely,



Jessica McRory, PE
President

July 21, 2021

Schedule of Rates "EXHIBIT A"

Project No: 21-0155-CN(PLU)

Project Title: Material Testing Professional Consulting Services

Consultant: AREHNA Engineering, Inc.

2021-26 Countywide Material Testing Bid Items

| TEST DESCRIPTION | Unit | Unit Cost (\$) |
|---|------|----------------|
| Proctors (Standard T-99 & Modified AASHTO T-180) Method A | ea | \$275.00 |
| Sets of Concrete Cylinders (3 Each) (Strength & Compression) AASHTO T22 or ASTM C-39, Cured by AASHTO T23 Lab to provide molds, pick-up, testing and reporting (Intended for Class I concrete) | set | \$210.00 |
| Sets of Concrete Cylinders (3 Each) (Strength & Compression) AASHTO T22 or ASTM C-39, Cured by AASHTO T23 Lab to cast cylinders, provide molds, pick-up, testing and reporting (Intended for Class I concrete) | set | \$256.00 |
| Sets of Concrete Cylinders (5 Each) (Strength & Compression) AASHTO T22 or ASTM C-39, Cured by AASHTO T23 Lab to provide molds, pick-up, testing and reporting (Intended for all structural use concrete, including drainage structures cast in place) 3 @ 28 days, 2 hold or as directed | set | \$245.00 |
| Sets of Concrete Cylinders (5 Each) (Strength & Compression) AASHTO T22 or ASTM C-39, Cured by AASHTO T23 Lab to cast cylinders, provide molds, pick-up, testing and reporting (Intended for all structural use concrete, including drainage structures cast in place) 3 @ 28 days, 2 hold or as directed | set | \$300.00 |
| Additional Concrete Cylinder (1 Each) (Strength & Compression) AASHTO T22 or ASTM C-39, Cured by AASHTO T23 Lab to provide molds, pick-up, testing and reporting | ea | \$25.00 |
| Additional Concrete Cylinders (1 Each) (Strength & Compression) AASHTO T22 or ASTM C-39, Cured by AASHTO T23 Lab to cast cylinders, provide molds, pick-up, testing and reporting | ea | \$30.00 |
| Field Test Flexural Strength (Each) , Lab to provide beam mold and on site field testing ASTM C 293 (center-point loading) | ea | \$250.00 |
| Flexural Strength (Each) , Lab to provide beam mold, pick up beam and ASTM C 78 (third-point loading) | ea | \$250.00 |
| Field Densities (Sand Cone, AASHTO T-191) | ea | \$110.00 |
| Field Densities (Nuclear Method, AASHTO T-238) | ea | \$110.00 |
| Limerock Thickness Determinations | ea | \$82.50 |

AREHNA Engineering, Inc.
2021-26 Countywide Material Testing Bid Items

| | | |
|---|----------|----------|
| Limerock Thickness determinations -More (Than 10 1/2") | ea | \$110.00 |
| Limerock Bearing Ratio (FM 5-515) | ea | \$465.00 |
| Quality Limerock [Incl. Gradation (T-27), Liquid Limit (T-89), Chemical Analysis – Carbonate % (FM-5-514), Plastic Index (T-90)] | ea | \$275.00 |
| Turbidity Test (Nephelometric Method – 214-A) | ea | \$0.00 |
| Soil Cement Mix Design | ea | \$690.00 |
| Compressive Strength of Soil Cement Cores (3 Each) (Includes Coring) (ASTM-D1633) | set | \$285.00 |
| Hour Technician Time (Monitoring Soil Cement Installation) | hr | \$60.00 |
| Sieve Analysis of Fine and Coarse Aggregates (ASTM C136 -06) | ea | \$185.00 |
| Soils Classifications per ASTM D-2487 | ea | \$6.50 |
| Test Strip to establish rolling pattern for Asphaltic Concrete Laydown (including Nuclear Gauge and associated core samples) (FM 1-T238, ASTM D2950) | ea | \$575.00 |
| Hours Technician Time for requested monitoring, conferences, and other pre-approved work not mentioned above | hr | \$60.00 |
| Permeability of Granular Soils (Constant Head) (AASHTO T-215, ASTM D-2434) | ea | \$265.00 |
| Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate (ASTM C88) | ea | \$478.00 |
| Resistance to Abrasion of Small Size Course Aggregate by Use of the Los Angeles Machine (ASTM C 131) | ea | \$275.00 |
| Determining the PH of Soil and Water (FM1-T032) | ea | \$52.00 |
| Resistivity of Soil and Water (FM5-551) | ea | \$65.00 |
| Chloride in Soil and Water (FM 5-552) | ea | \$65.00 |
| Sulfate in Soil and Water (FM 5-553) | ea | \$65.00 |
| Chloride in Retaining Wall Soil Backfill (FM 5-556) | ea | \$65.00 |
| Specific Gravity of Coarse Aggregate – AASHTO T85-81 | ea | \$130.00 |
| Turbidity Test Saturday, Sunday or Holiday work only (Nephelometric Method – 214-A) | ea | \$0.00 |
| Exploratory Cores to determine existing asphalt concrete thickness, Includes cutting cores and technician time. Does not include Maintenance of Traffic or travel to/from site | ea | \$275.00 |
| Exploratory Cores to determine existing Portland Cement concrete thickness, Includes cutting cores and technician time. Does not include Maintenance of Traffic or travel to or from site | ea | \$275.00 |
| Mileage charge per mile for travel to/from site for use only when cutting exploratory cores. | per mile | \$0.75 |
| Hand Auger Borings (per lineal foot) | LF | \$12.50 |
| Organic Content (FM H-267) | ea | \$68.00 |
| Standard Percolation Test | ea | \$260.00 |
| Corrosivity Series (Resistance, pH, So4, CL) (FDOT Method) | ea | \$247.00 |

AREHNA Engineering, Inc.
2021-26 Countywide Material Testing Bid Items

| | | |
|--|------|----------|
| Air Content of Fresh concrete (ASTM C173 or C231) | ea | \$24.00 |
| Beam Preparation (ASTM C31) of Fresh Concrete and Pickup | set | \$220.00 |
| Laboratory Flexural Strength of Molded Beams (ASTM C78) | ea | \$115.00 |
| Rebound Number (Schmidt Hammer) of Hardened Concrete (ASTM C805) | hr | \$75.00 |
| Coring of Hardened Concrete (ASTM C42) | hr | \$75.00 |
| Laboratory Compression of Concrete Cores (ASTM C39) | ea | \$52.00 |
| Specific Gravity and Absorption of Fine Aggregate (ASTM C-128) | ea | \$82.50 |
| Los Angeles Abrasion (ASTM C535 – 09) | ea | \$250.00 |
| Dry Rodded Unit Weight of Fine or Coarse Aggregate (ASTM C-29) | ea | \$82.00 |
| Determination of the Relative Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor (ASTM 6925). The CONSULTANT shall inform the COUNTY of test findings immediately following field and laboratory activities with laboratory worksheets and Pinellas County Sampling Records sent by facsimile or e-mail, and in no case shall the facsimile or e-mail report of findings exceed twenty-four (24) hours from the sample pick-up or delivery time. The facsimile or e-mail report shall also contain Pinellas County's Sampling Report Form. | ea | \$520.00 |
| For travel to a project site when no sample is available for pick-up (Lump Sum per Trip) | trip | \$110.00 |
| Asphaltic Concrete Samples: Quantitative Determination of Asphalt Content from Asphalt Paving Mixtures by the Ignition Method (FM 5-563), Mechanical Analysis of Extracted Aggregate (FM 1-T030), and Maximum Specific Gravity of Bituminous Paving Mixtures (FM 1-T209). The CONSULTANT shall inform the COUNTY of test findings immediately following field and laboratory activities with laboratory worksheets and Pinellas County Sampling Records sent by facsimile or e-mail, and in no case shall the facsimile or e-mail report of findings exceed twenty-four (24) hours from the sample pick-up or delivery time. The facsimile or e-mail report shall also contain Pinellas County's Sampling Report Form. | ea | \$375.00 |
| Bulk Specific Gravity of In-Place Bituminous Pavement Cores (FM 1-T166), including cutting core samples, lift separation, measuring thickness, and traffic control. The CONSULTANT shall inform the COUNTY of test findings immediately following field and laboratory activities with laboratory worksheets and Pinellas County Sampling Records sent by facsimile or e-mail, and in no case shall the facsimile or e-mail report of findings exceed twenty-four (24) hours from the sample pick-up or delivery time. The facsimile or e-mail report shall also contain Pinellas County's Sampling Report Form. | ea | \$252.00 |

| | | |
|--|-----------|-----------------|
| <p>Bulk Specific Gravity of In-Place Bituminous Pavement Cores (FM 1-T166), including picking up cores, lift separation, and measuring thickness. The CONSULTANT shall inform the COUNTY of test findings immediately following field and laboratory activities with laboratory worksheets and Pinellas County Sampling Records sent by facsimile or e-mail, and in no case shall the facsimile or e-mail report of findings exceed twenty-four (24) hours from the sample pick-up or delivery time. The facsimile or e-mail report shall also contain Pinellas County's Sampling Report Form.</p> | <p>ea</p> | <p>\$75.00</p> |
| <p>Density of Bituminous Concrete Mixtures In-Place by the Nuclear Method (FM 1-T238). The CONSULTANT shall inform the COUNTY of test findings immediately following field and laboratory activities with laboratory worksheets and Pinellas County Sampling Records sent by facsimile or e-mail, and in no case shall the facsimile or e-mail report of findings exceed twenty-four (24) hours from the sample pick-up or delivery time. The facsimile or e-mail report shall also contain Pinellas County's Sampling Report Form.</p> | <p>ea</p> | <p>\$110.00</p> |

AREHNA Engineering, Inc.
2021-26 Countywide Material Testing Bid Items

Environmental

| Organics | | |
|--|----------|----------|
| Volatile Organic Compounds (VOCs) EPA 624 | lump sum | \$74.75 |
| Short List VOCs (<15 compounds) EPA 8620 | lump sum | \$57.50 |
| Terracore Kits (for VOC sampling) | lump sum | \$11.50 |
| Encore Sampling Kits | lump sum | \$11.50 |
| Semivolatiles Organics (full list SVOCs) EPA 8270 | lump sum | \$189.75 |
| Polynuclear Aromatic Hydrocarbons (PAH) (low level, water) EPA 8270SIM | lump sum | \$80.50 |
| Polynuclear Aromatic Hydrocarbons (PAH) (low level, soil) EPA 8270SIM | lump sum | \$78.20 |
| Semivolatiles Organics (full list SVOCs + PAH, low level) EPA 8270/8270SIM | lump sum | \$212.75 |
| Organophosphorous Pesticides EPA 8140 | lump sum | \$143.75 |
| Polychlorinated Biphenyls (PCBs) EPA 8082 | lump sum | \$74.75 |
| Herbicides EPA 8151 | lump sum | \$172.50 |
| Petroleum Hydrocarbons/UST | | |
| BTEX EPA 8260 | lump sum | \$34.50 |
| BTEX/MTBE EPA 8260 | lump sum | \$34.50 |
| BTEX/MTBE/Naphthalene EPA 8260 | lump sum | \$46.00 |
| BTEX/MTBE/Naphthalene/12DCA EPA 8260 | lump sum | \$46.00 |
| BTEX + 1 Oxygenate EPA 8260 | lump sum | \$46.00 |
| BTEX + 2 Oxygenates EPA 8260 | lump sum | \$57.50 |
| BTEX + 3 - 5 Oxygenate EPA 8260 | lump sum | \$63.25 |
| BTEX/GRO EPA 8260 | lump sum | \$115.00 |
| Gasoline Range Organics (TPH-GRO) [C6-C10] EPA 8015M | lump sum | \$69.00 |
| Gasoline Range Organics - Ohio (TPH-GRO-OH) [C6-C12] EPA 8015M | lump sum | \$69.00 |
| Diesel Range Organics (TPH-DRO) [C10-C28] EPA 8015M | lump sum | \$69.00 |
| Diesel Range Organics - Ohio (TPH-OH) [C10-C20, C21-C34] EPA 8015M | lump sum | \$69.00 |
| Extended Range Organics (TPH-ERO) [C10-C36] EPA 8015M | lump sum | \$69.00 |
| Methane, Ethane, Ethene SM3810 | lump sum | \$86.25 |
| TRPH FL-PRO | lump sum | \$57.50 |
| Oil & Grease EPA 1664 | lump sum | \$103.50 |
| Oil & Grease (With Silica Gel Clean Up) EPA 1664 | lump sum | \$103.50 |
| Corrosivity (pH) EPA 9045 | lump sum | \$13.80 |
| Reactive Cyanide EPA 7.3.3.2 | lump sum | \$74.75 |
| Reactive Sulfide EPA 7.3.4.2 | lump sum | \$20.70 |
| RCRA Hazardous Waste | | |
| Ignitability of Solids EPA 1030 | lump sum | \$63.25 |
| Ignitability/Flashpoint (closed-cup) EPA 1010 | lump sum | \$63.25 |
| Paint Filter Liquids Test EPA 9095 | lump sum | \$69.00 |
| VOCs - Wastewater EPA 624 | lump sum | \$89.70 |
| SVOCs - Wastewater EPA 625 | lump sum | \$218.50 |

AREHNA Engineering, Inc.
2021-26 Countywide Material Testing Bid Items

| | | |
|--|----------|----------|
| Pesticides / PCBs - Wastewater EPA 625 | lump sum | \$172.50 |
| TCLP Leachate EPA 1311 | lump sum | \$40.25 |
| TCLP Zero Headspace EPA 1311 | lump sum | \$40.25 |
| TCLP Lead only (includes leachate) EPA 1311/6010 | lump sum | \$57.50 |
| TCLP RCRA Metals (includes leachate) EPA 1311/6010/7470 | lump sum | \$143.75 |
| TCLP Benzene (includes leachate) EPA 1311/8260 | lump sum | \$80.50 |
| TCLP Volatiles (includes leachate) EPA 1311/8260 | lump sum | \$109.25 |
| TCLP Semi-Volatiles (includes leachate) EPA 1311/8270 | lump sum | \$235.75 |
| Full TCLP w/ Pests & Herbs (includes leachate) EPA Methods | lump sum | \$747.50 |
| Metals (ICP) | | |
| Aluminum (Al) EPA 6010B/200.7 | lump sum | \$17.25 |
| Antimony (Sb) EPA 6010B/200.7 | lump sum | \$17.25 |
| Arsenic (As) EPA 6010B/200.7 | lump sum | \$17.25 |
| Barium (Ba) EPA 6010B/200.7 | lump sum | \$17.25 |
| Beryllium (Be) EPA 6010B/200.7 | lump sum | \$17.25 |
| Boron (B) EPA 6010B/200.7 | lump sum | \$17.25 |
| Cadmium (Cd) EPA 6010B/200.7 | lump sum | \$17.25 |
| Calcium (Ca) EPA 6010B/200.7 | lump sum | \$17.25 |
| Chromium, total (Cr) EPA 6010B/200.7 | lump sum | \$17.25 |
| Cobalt (Co) EPA 6010B/200.7 | lump sum | \$17.25 |
| Copper (Cu) EPA 6010B/200.7 | lump sum | \$17.25 |
| Iron (Fe) EPA 6010B/200.7 | lump sum | \$17.25 |
| Lead (Pb) EPA 6010B/200.7 | lump sum | \$17.25 |
| Magnesium (Mg) EPA 6010B/200.7 | lump sum | \$17.25 |
| Manganese (Mn) EPA 6010B/200.7 | lump sum | \$17.25 |
| Molybdenum (Mo) EPA 6010B/200.7 | lump sum | \$17.25 |
| Nickel (Ni) EPA 6010B/200.7 | lump sum | \$17.25 |
| Potassium (K) EPA 6010B/200.7 | lump sum | \$17.25 |
| Selenium (Se) EPA 6010B/200.7 | lump sum | \$17.25 |
| Silicon (Si) EPA 6010B/200.7 | lump sum | \$17.25 |
| Silver (Ag) EPA 6010B/200.7 | lump sum | \$17.25 |
| Sodium (Na) EPA 6010B/200.7 | lump sum | \$17.25 |
| Tin (Sn) EPA 6010B/200.7 | lump sum | \$17.25 |
| Thallium (Tl) EPA 6010B/200.7 | lump sum | \$17.25 |
| Titanium (Ti) EPA 6010B/200.7 | lump sum | \$17.25 |
| Vanadium (V) EPA 6010B/200.7 | lump sum | \$17.25 |
| Zinc (Zn) EPA 6010B/200.7 | lump sum | \$17.25 |
| Hexavalent Chromium (Cr VI), water SW 7196, SM4500-Cr-D | lump sum | \$51.75 |
| Hexavalent Chromium (Cr VI), soil SW 7196, SM4500-Cr-D | lump sum | \$51.75 |
| Mercury (Hg) EPA 7470A/7471 | lump sum | \$28.75 |
| INDIVIDUAL METALS by ICP/MS EPA 6020/200.8 | lump sum | \$23.00 |

AREHNA Engineering, Inc.
2021-26 Countywide Material Testing Bid Items

| | | |
|--|----------|-----------------------------------|
| Each Additional Metals ICP/MS | lump sum | \$13.80 |
| Package Metals | | |
| Priority Pollutant Metals -Soils (13) (Sb, As, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Ti, Zn) EPA 6010B/7471 | lump sum | \$149.50 |
| RCRA Metals (8) (As, Ba, Cd, Cr, Pb, Hg, Se, Ag) EPA 6010B/7470-7471 | lump sum | \$97.75 |
| TAL Metals (23) EPA 6010B/7407 | lump sum | \$276.00 |
| Wet Chem/Inorganic Analysis | | |
| *Water/Soil | | |
| Acidity SM2310B/ EPA 305.1 | lump sum | Specialized testing – 3 quotes |
| Alkalinity SM 2320B/EPA 310.1 | lump sum | Specialized testing – 3 quotes |
| Biochemical Oxygen Demand (BOD) SM5210B | lump sum | \$40.25 |
| CBOD SM5210B | lump sum | \$40.25 |
| Chloriden 4500-CLE/EPA 325.2 | lump sum | Hourly Staff Rate |
| Chlorine, Total Residual 4500-CLE | lump sum | Specialized testing – 3 quotes |
| Chemical Oxygen Demand (COD) EPA 410.4 | lump sum | \$40.25 |
| Conductivity (Specific Conductance) EPA 120.1 | lump sum | Hourly Staff Rate |
| Cyanide, amenable 4500 CN-G/ EPA 335.4 | lump sum | \$74.75 |
| Cyanide, free 4500 CN-E/ EPA 9213 | lump sum | \$74.75 |
| Cyanide, total 4500 CN-E/EPA 335.4 | lump sum | \$74.75 |
| Ferrous Iron SM3500-Fe-D | lump sum | \$51.75 |
| Fluoride EPA 30/EPA 340.2 | lump sum | \$20.70 |
| Hardness, total EPA 130.2 | lump sum | \$23.00 |
| Hydrogen Sulfide SM4500-S | lump sum | \$40.25 |
| Nitrogen, Ammonia EPA 350.1/EPA 350.1-2 | lump sum | \$20.70 |
| Nitrogen, Nitrate EPA 353.2/EPA 353.2 | lump sum | \$20.70 |
| Nitrogen, Nitrite EPA 353.2/EPA 353.2 | lump sum | \$20.70 |
| Nitrogen, Nitrate+Nitrite EPA 353.2/EPA 353.2 | lump sum | \$25.30 |
| Nitrogen, Total Kjeldahl (TKN) EPA 351.2/EPA 351.2 | lump sum | \$36.80 |
| Oxidation-Reduction Potential (REDOX) SM2580B | lump sum | Hourly Staff Rate |
| Oxygen, Dissolved SM4500-O G | lump sum | Hourly Staff Rate |
| pH 4500 H+B/ EPA 9045 | lump sum | \$17.25 |
| Phenol (4aap) EPA 420.2/EPA 420.2 | lump sum | \$103.50 |
| Phosphorus, Ortho EPA 365.2/EPA 365.2 | lump sum | \$36.80 |
| Phosphorus, Total EPA 365.2/EPA 365.2 | lump sum | \$20.70 |
| Resistivity AASHTO-288 | lump sum | \$0.00 |
| Solids, Total (TS) EPA 160.3 | lump sum | \$11.50 |
| Solids, Total Dissolved (TDS) 2540 C | lump sum | \$40.25 |
| Solids, Total Suspended (TSS) 2540D | lump sum | \$40.25 |
| Sulfate EPA 375.4/EPA 375.4 | lump sum | \$20.70 |

AREHNA Engineering, Inc.
2021-26 Countywide Material Testing Bid Items

| | | |
|---|----------|-----------------------------------|
| Sulfide 4500 S2E | lump sum | \$20.70 |
| Sulfite 4500-SO3 | lump sum | \$20.70 |
| TOC 5310C | lump sum | \$40.25 |
| TOX / EOX EPA 1650/EPA 1650 | lump sum | \$103.50 |
| Turbidity EPA 180.1 | lump sum | Hourly Staff Rate |
| Industrial Hygiene Personal and Perimeter Monitoring | | |
| Metals NIOSH 7300 | lump sum | Specialized testing – 3 quotes |
| Metals in Air (one metal) NIOSH 7300 | lump sum | Specialized testing – 3 quotes |
| each additional metal NIOSH 7300 | lump sum | Specialized testing – 3 quotes |
| Hexavalent Chromium NIOSH 7600 | lump sum | Specialized testing – 3 quotes |
| Mercury NIOSH 6009 | lump sum | Specialized testing – 3 quotes |
| Metals in Air - Hi Volume Sampler (one metal) 40CFR-Pt50 Appendix G | lump sum | Specialized testing – 3 quotes |
| each additional metal 40CFR-Pt50 Appendix G | lump sum | Specialized testing – 3 quotes |
| Aromatic Hydrocarbons (BTEX Compounds Only) NIOSH 1501 | lump sum | Specialized testing – 3 quotes |
| PCBs NIOSH 5503 | lump sum | Specialized testing – 3 quotes |
| Vinyl Chloride NIOSH 1007 | lump sum | Specialized testing – 3 quotes |
| VOCs - Passive Monitor Analysis (one compound) OSHA 07M | lump sum | Specialized testing – 3 quotes |
| each additional VOC compound OSHA 07M | lump sum | Specialized testing – 3 quotes |
| VOCs - Charcoal Tube Analysis (one compound) OSHA 07M | lump sum | Specialized testing – 3 quotes |
| each additional VOC compound OSHA 07M | lump sum | Specialized testing – 3 quotes |
| Nuisance Dust NIOSH 0500 | lump sum | Specialized testing – 3 quotes |
| Respirable Dust NIOSH 0600 | lump sum | Specialized testing – 3 quotes |
| PM-10 Emissions 40 CFR-Pt50 Appendix J | lump sum | Specialized testing – 3 quotes |
| Total Suspended Particulates 40 CFR-Pt50 Appendix K | lump sum | Specialized testing – 3 quotes |
| Landfill Gas/Ambient Air | | |
| Methane, Ethane, Ethene, Propane (GC/FID) 3810M | lump sum | \$90.00 |
| Methane only (GC/FID) 3810M | lump sum | \$78.00 |
| Volatile Organic Compounds (BTEX Compounds only) (GC/FID) TO-3 | lump sum | Specialized testing – 3 quotes |
| Organochlorine Pesticides and PCB's (GC/ECD) TO-4 | lump sum | Specialized testing – 3 quotes |
| Pesticides or PCB's separately (GC/ECD) TO-4 | lump sum | Specialized testing – 3 quotes |

| | | |
|--|----------|-----------------------------------|
| Dioxin & Furan PCDD/PCDF (HRGCMS) TO-9 | lump sum | Specialized testing – 3 quotes |
| Organochlorine Pesticides and PCB's (low vol. sampling/GC/ECD) TO-10 | lump sum | Specialized testing – 3 quotes |
| Pesticides or PCB's separately (low volume sampling/GC/ECD) TO-10M | lump sum | Specialized testing – 3 quotes |
| Polynuclear Aromatic Hydrocarbons (GC/MS SIM)(need PUF + hi-vol sampler)* TO-13 | lump sum | Specialized testing – 3 quotes |
| Volatile Organic Compounds (standard list-39 cmpds; summa can/bag)(GC/MS) TO-14 | lump sum | Specialized testing – 3 quotes |
| Air Toxics | | |
| Reduced List 1-5 Analytes (GC/MS) TO-14M | lump sum | Specialized testing – 3 quotes |
| Volatile Organic Compounds (expanded list-62 cmpds, summa can) (GC/MS) TO-15 | lump sum | \$225.00 |
| VOC's Reduced List 1-5 Analytes (GC/MS) TO-15M | lump sum | \$200.00 |
| Ozone Precursors (std list 60 compounds) (GC/FID) TO-15OP | lump sum | Specialized testing – 3 quotes |
| Ozone Precursors Red. List 1-5 Analytes (GC/FID) TO-15OPM | lump sum | Specialized testing – 3 quotes |
| Volatile Organic Compounds (SIMS list 16 cmpds) (GC/MS SIM) TO-15S | lump sum | Specialized testing – 3 quotes |
| Total Suspended Particulate (Same as PM10, Gravimetric) TSP | lump sum | Specialized testing – 3 quotes |
| Metals-Individual (from PM10 Filter) (ICP) 6010 | lump sum | Specialized testing – 3 quotes |
| Sampling Media | | |
| 6 Liter Summa Canister (one week rental) | lump sum | \$50.00 |
| 1 Liter Summa Canister (one week rental) | lump sum | \$50.00 |
| Individual Canister Certification Process | lump sum | \$225.00 |
| Flow Control Valve (one week rental) | lump sum | \$35.00 |
| 1 Liter Tedlar Bag | lump sum | \$30.00 |
| PUF Cartridge (includes prespike fee if required) | lump sum | Specialized testing – 3 quotes |
| XAD2 Trap (includes prespike fee) | lump sum | Specialized testing – 3 quotes |
| Impinger | lump sum | Specialized testing – 3 quotes |
| Impinger Pump Rental | lump sum | Specialized testing – 3 quotes |
| Impinger Replacement | lump sum | Specialized testing – 3 quotes |
| Charcoal Tubes (ORBO 100) | lump sum | Specialized testing – 3 quotes |
| Filter | lump sum | Specialized testing – 3 quotes |
| Organochlorine Pesticides (EPA TCL 3.4 List) 8081A | lump sum | Specialized testing – 3 quotes |
| Organochlorine Pesticides and PCBs (Incl TCL 3.4 List & 9 addl Pesticides) 8081M | lump sum | Specialized testing – 3 quotes |

| | | |
|---|----------|-----------------------------------|
| PCB Aroclors (standard 7 compounds) 8082 | lump sum | Specialized testing – 3 quotes |
| PAHs (GC/MS-SIM) 8270C | lump sum | Specialized testing – 3 quotes |
| BNA (EPA TCL List) 8270C | lump sum | Specialized testing – 3 quotes |
| Tentatively Identified Compounds (TICs) 8270C | lump sum | Specialized testing – 3 quotes |
| Mercury by CVAA (includes Prep Charge) 7471A | lump sum | Specialized testing – 3 quotes |
| Mercury by CVAA (includes Prep Charge)245.6 | lump sum | Specialized testing – 3 quotes |
| Mercury by Low Level Method 1631 | lump sum | Specialized testing – 3 quotes |
| Metals by ICP-MS (each metal) 6020 | lump sum | Specialized testing – 3 quotes |
| <i>Turn Around Time Surcharges</i> | | |
| Determined/quoted by project and testing required | | |

07-22-2021

Ms. Jessica McRory, PE
 President
 AREHNA Engineering, Inc.
 5012 W. Lemon Street
 Tampa, FL 33609

Schedule of Rates "EXHIBIT A"

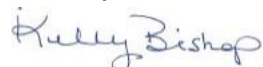
Project No: 21-0155-CN(PLU)
 Project Title: Material Testing Professional Consulting Services
 Consultant: AREHNA Engineering, Inc.
 Subconsultant Name: Brightwater Solutions, LLC

The following rates are Brightwater's proposed staff rates for the above referenced contract. We understand that the rates shall be held firm for the initial contract term and no rate increases shall be granted during this time.

| STAFF CLASSIFICATION | BILLING RATE (\$/HR) |
|-----------------------------|-------------------------|
| Chief Engineer/Scientist 2 | \$175.00 |
| Construction Manager/CGC | \$180.00 |
| Construction Superintendent | \$85.00 |
| Construction Technician | \$57.00 |
| Designer | \$102.00 |
| Engineer/Scientist 1 | \$120.00 |
| Engineer/Scientist Intern 1 | \$98.00 |
| Field Crew Supervisor | \$82.00 |
| Field Technician | \$57.00 |
| Foreman | \$65.00 |
| Laborer | \$52.00 |
| Secretary/Clerical | \$58.00 |
| Senior Engineer/Scientist 2 | \$172.00 |

We look forward to working with you on the contract. If you have any questions or require further information, please contact our office at 727.321.3688.

Sincerely,



Kelly Bishop, PG
 Principal



July 21, 2021

Ms. Jessica McRory, PE
President
AREHNA Engineering, Inc.
5012 W. Lemon Street
Tampa, FL 33609

Schedule of Rates
“EXHIBIT A”

Project No: 21-0155-CN(PLU)
Project Title: Material Testing Professional Consulting Services
Consultant: AREHNA Engineering, Inc.
Subconsultant Name: Sub Name

The following rates are Ambient Technologies, Inc. and Subsidiaries proposed staff rates for the above referenced contract. We understand that the rates shall be held firm for the initial contract term and no rate increases shall be granted during this time.

| STAFF CLASSIFICATION | BILLING RATE (\$/HR) |
|-----------------------------|-----------------------------|
| Geologist Professional | 237.00 |
| Senior Scientist | 105.00 |
| Geologist | 91.00 |
| CADD Technician | 100.00 |
| Project Manager | 78.00 |

We look forward to working with you on the contract. If you have any questions or require further information, please contact our office at (727) 328-0268.

Sincerely,

Albert Franklin Rodriguez
VP Marketing & VP Member ATI Companies LLC
Ambient Technologies, Inc. Subsidiaries & Affiliates
Recipient of the Presidential E-Award for Exporting Excellence
Drilling-Geophysics-Utilities Locates-Solar Energy
MBE-DBE-SDB-SBE
4610 Central Avenue – Suite A
St. Petersburg, FL 33711
Work: (727) 328-0268
Email: albert@ambienttech.com



Geophysical Equipment Rates

Proposal Number: G22107003

AREHNA - Pinellas County Materials Testing Contract

| Geophysical Equipment (Land-Based) | Equipment Type | Unit of Measurement | Price Per Unit |
|---|--------------------|---------------------|----------------|
| GPR System w/ 1 Antenna | Mala or GSSI | Per Day | \$175.10 |
| GPR System w/ 2 or more Antenna | Mala or GSSI | Per Day | \$221.45 |
| Geode 24-Channel Seismic System with Geophones | Geometrics | Per Day | \$257.50 |
| Geode 48-Channel Seismic System with Geophones | Geometrics | Per Day | \$283.25 |
| Ballard Crosshole Seismic System | Ballard | Per Day | \$257.50 |
| Electromagnetics (EM-31 MK2) | Geonics | Per Day | \$128.75 |
| Electromagnetics (EM-34) | Geonics | Per Day | \$128.75 |
| Electromagnetics (EM-61 MK2)-TDEM | Geonics | Per Day | \$128.75 |
| Magnetometer (Cesium Vapor 858) | Geometrics | Per Day | \$128.75 |
| R8 56-Channel Electrical Resistivity Imaging System | AGI | Per Day | \$360.50 |
| R8 112-Channel Electrical Resistivity Imaging System | AGI | Per Day | \$618.00 |
| DC Resistivity Testing System (large) | AGI | Per Day | \$206.00 |
| DC Resistivity Testing System (small) | L&R | Per Day | \$77.25 |
| Pile Integrity Tester | Pile Dynamics | Per Day | \$128.75 |
| Metal Detector | Schoenstedt | Per Day | \$20.60 |
| Sonic Cross-Hole Logging System | Olson Instruments | Per Day | \$309.00 |
| Spectral Analysis of Surface Waves (SASW) System | Olson Instruments | Per Day | \$154.50 |
| Ultra-Sonic Pulse Velocity System | Olson Instruments | Per Day | \$154.50 |
| Slab Impulse Response System | Olson Instruments | Per Day | \$154.50 |
| Electronic Utility Locator | RadioDetection | Per Day | \$51.50 |
| EM Rebar Detector | Profometer | Per Day | \$36.05 |
| Vacuum Excavation System w/ Compressor | Utiliscope VE-75 | Per Day | \$412.00 |
| Floor level Survey Equipment | ZIP Level | Per Day | \$25.75 |
| Global Positioning Systems (GeoXH) | Trimble | Per Day | \$77.25 |
| Pipeline Video Inspection-push camera | RadioDetection | Per Day | \$257.50 |
| Infrared Video Camera (T400) | FLIR | Per Day | \$128.75 |
| In-Situ Thermal Conductivity Testing (FTN01) | Huxseflux | Per Day | \$206.00 |
| Concrete Core Drill Press | Makita | Per Day | \$154.50 |
| Hand Push Penetrometer | Humboldt | Per Day | \$20.60 |
| Field Vehicle | Nissan | Per mile | \$0.58 |
| All Terrain Vehicle | Kawasaki (Mule) | Per Day | \$103.00 |
| Geophysical Equipment (Marine-Based) | | | |
| Sub-Bottom Profiler (3200 System with 216 Towfish) | Edgetech | Per Day | \$350.00 |
| Bathymetric Profiler (EchoTrac CVM) | EchoTrac | Per Day | \$125.00 |
| Edgetech 4200 Sidescan Sonar System | Edgetech | Per Day | \$325.00 |
| Seafloor Systems HydroLite-DFX Dual Frequency Echosounder | Sea Floor Systems | Per Day | \$125.00 |
| Tritech StarFish 990F side scan sonar system | Tritech | Per Day | \$125.00 |
| Geometrics G-882 TVG Marine Magnetometer | Geometrics | Per Day | \$150.00 |
| Pontoon Survey Boat | Wilderness Systems | Per Day | \$125.00 |
| Marine Navigation and Comm Software Package | Hydropac | Per Day | \$125.00 |
| Fresh-Water/Near-Shore Power Boat w/ trailer | Carolina Skiff | Per Day | \$250.00 |

Rate Increase: 2% per year

Ambient Technologies, Inc. & Subsidiaries ATI Companies, LLC – Drilling GeoView, Inc. – Geophysics
ATI Energia, LLC – Solar Energy ATI Panamericana, S.A.
Headquarters: 4610 Central Avenue, St. Petersburg, FL 33711 Ph.: (727) 328-0268 Fax: (727) 328-2477
info@ambienttech.com www.ambienttech.com
Minority Certified



Geophysical Equipment Rates

Proposal Number: G22107003

AREHNA - Pinellas County Materials Testing Contract

| Geophysical Equipment (Land-Based) | Equipment Type | Unit of Measurement | Price Per Unit |
|---|--------------------|---------------------|----------------|
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Minority Certified