

Memorandum



Date: April 20, 2021

To: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

Agenda Item No. 8(N)(39)

From: Daniella Levine Cava
Mayor

A handwritten signature in blue ink that reads "Daniella Levine Cava".

Resolution No. R-339-21

Subject: Contract Award Recommendation for Miscellaneous Professional Services Agreements with 21 Consulting Firms to Provide Soils, Foundations and Geotechnical Testing Services - Project No: E19-DTPW-06; Contract No: 20190201 and Authorizing the Use of Various Funding Sources Including Charter County Transportation Surtax for those Projects Identified in Exhibit 1 of the Peoples Transportation Plan and Building Better Communities General Obligation Bond Funds for such purposes.

Recommendation

This Contract Award Recommendation is for Award for Miscellaneous Professional Services Agreements (PSA) for Soils, Foundations and Geotechnical Testing Services- Project No: E19-DTPW-06; Contract No: 20190201 between Miami-Dade County (County) and the 21 consulting firms listed in Exhibit "A" has been prepared by the Department of Transportation and Public Works (DTPW) and is recommended for approval by the Board of County Commissioners (Board).

This Contract Award Recommendation is placed for Committee review pursuant to Miami-Dade County Code Section 29-124(f). This Contract Award Recommendation may only be considered by the Board if the Citizens' Independent Transportation Trust (CITT) has forwarded a recommendation to the Board prior to the date scheduled for Board consideration or forty-five (45) days have elapsed since the filing with the Clerk of the Board of this contract award recommendation. If the CITT has not forwarded a recommendation and forty-five (45) days have not elapsed since the filing of this award recommendation, I will request a withdrawal of this item.

Delegated Authority

In accordance with Section 2-8.3 of the Miami-Dade Code related to identifying delegation of Board authority, other than the right to terminate, there are no authorities beyond that specified in the resolution which includes authority for the Mayor and Mayor's designee to execute the agreement and receive and expend these and any additional funds should they become available.

Scope

PROJECT NAME: Miscellaneous Professional Services Agreements to provide Soils, Foundations and Geotechnical Testing Services

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PROJECT NO: E19-DTPW-06

CONTRACT NO: 20190201

PROJECT DESCRIPTION: The County has the need to establish Professional Services Agreements to provide Soils, Foundations and Geotechnical Testing Services, on an as needed basis for various projects from the following Departments: DTPW, Aviation, Water and Sewer, Internal Services, Regulatory and Economic Resources, Public Housing and Community Development, Parks, Recreation and Open Spaces, and Seaport. The Departments will utilize the PSA during its three (3) year effective term. The work is assigned on a rotational basis for the technical certifications’ categories available within the PSA. The number of firms was determined by the number of qualified firms who submitted a proposal for this project.

PROJECT LOCATION: Countywide

PRIMARY COMMISSION
DISTRICT: Various Districts

APPROVAL PATH: Mayor's Authority

ISD A&E PROJECT
NUMBER: E19-DTPW-06

USING DEPARTMENT: Multiple

Fiscal Impact/Funding Source

FUNDING SOURCE: The cost of services will be charged to the particular project or activity requiring these services. The Department requesting the services for the specific project will provide the funding source at the time a Work Order is issued. Work Orders will not be issued under this contract unless the specific user Department identifies the appropriate Capital Project and budget fund.

Fiscal impact to the Charter County Transportation Surtax is estimated at approximately \$3 million over the period of this PSA.

PTP FUNDING: Yes

GOB FUNDING: Yes

ARRA FUNDING: No

**PROJECT TECHNICAL
CERTIFICATION**

REQUIREMENTS: Firms need to be certified in one (1) or more of the Technical certifications outlined below.

TYPE CODE DESCRIPTION

Prime	9.01	SOILS, FOUNDATIONS AND MATERIALS TESTING - DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES
Prime	9.02	SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
Prime	9.03	SOILS, FOUNDATIONS AND MATERIALS TESTING - CONCRETE AND ASPHALT TESTING SERVICES
Prime	9.04	SOILS, FOUNDATIONS AND MATERIALS TESTING - NON-DESTRUCTIVE TESTING AND INSPECTIONS
Prime	9.05	SOILS, FOUNDATIONS AND MATERIALS TESTING - ROOF TESTING AND CONSULTING

**SUSTAINABLE
BUILDINGS ORDINANCE**

(I.O NO. 8-8): The project does not qualify for compliance with the Sustainable Buildings Ordinance.

SEA LEVEL RISE

ORD. NO. 14-79: The services provided under this contract do not qualify for compliance with the Sea Level Rise Ordinance.

**ESTIMATED ORIGINAL
CONTRACT PERIOD:**

1095 days

**TOTAL ESTIMATED
CONTRACT PERIOD:**

1095 Days. On an as needed basis during the three (3) year effective term of the agreement.

ESTIMATED

CONTINGENCY PERIOD: 0 Days.

IG FEE INCLUDED IN

BASE CONTRACT: Yes

ART IN PUBLIC PLACES: No

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BASE ESTIMATE: \$0.00. The Contract has no minimum or maximum value. Contract amount will be based on service orders and funds will be derived from project specific funding sources.

CONTINGENCY
ALLOWANCE
(SECTION 2-8.1

MIAMI DADE

COUNTY CODE):

Type	Percent	Amount	Comment
N/A	0%	\$0.00	N/A

TOTAL DEDICATED
ALLOWANCE:

\$0.00

Track Record/Monitor

EXPLANATION: The Request to Advertise was approved and filed with the Clerk of the Board on April 6, 2020, and on the same date the solicitation to provide Soils, Foundations and Geotechnical Testing Services was advertised. The pre-submittal meeting and the project briefing were waived due to COVID-19.

Negotiations with the firms commenced and concluded on July 1, 2020. The results were as follows: a 6% increase over the previous contract rates (E15-PWWM-08), negotiated in 2015, for field personnel and equipment, and 10% increase for office staff. These rates will be effective through the three (3) of the contract.

Following completion of the award process the project will be assigned to Ms. Elena Romero, Project Manager, DTPW, for day to day responsibilities.

MINIMUM
QUALIFICATIONS
EXCEED LEGAL
REQUIREMENTS:

No.

REVIEW
COMMITTEE:

MEETING DATE: September 9, 2019
SIGNOFF DATE: September 9, 2019

APPLICABLE
WAGES:
(RESOLUTION
No. R-54-10):

No.

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REVIEW

COMMITTEE

ASSIGNED

CONTRACT

MEASURES: None.

MANDATORY

CLEARING HOUSE: No.

CONTRACT

MANAGER NAME

/ PHONE / EMAIL: Luis F. Lacau Jr. / (305) 375-2714 / lzl@miamidade.gov

PROJECT

MANAGER NAME

/ PHONE / EMAIL: Elena Romero / (305) 375-1123 / romi@miamidade.gov

Background

County departments will utilize the services of these agreements when required for County projects. These services will be primarily utilized for Soils, Foundations and Geotechnical Testing Services necessary for the design and construction of funded projects. The agreements are for a three (3) year period. Upon expiration, a new contract will be advertised to establish a new pool.

The work is assigned on a rotational basis, with the initial order determined by the amount of money awarded county-wide to each firm during the previous three (3) years. Once each firm has been issued a work order, the list is re-established based on the amount of money awarded to each firm, updated to include the work orders issued under this contract. The list of firms recommended for award is included in Exhibit ‘A’.

DEPARTMENT FINANCE:

Robert Villar
Robert Villar (Oct 26, 2020 10:21 EDT)

DEPT. FINANCE OFFICER:

Oct 26, 2020

DATE:

INDEX CODES:

Various

KC
KC

ag
ag

BUDGET APPROVAL
FUNDS AVAILABLE:

David Clodfelter

OMB DIRECTOR

Feb 1, 2021

DATE

APPROVED AS TO
LEGAL SUFFICIENCY:

Glenn Libby

COUNTY ATTORNEY

Jan 15, 2021

DATE

Frank

CHIEF OPERATIONS OFFICER

2-8-2021

DATE

CLERK DATE:

DATE

**MISCELLANEOUS PROFESSIONAL SERVICES AGREEMENTS TO PROVIDE
SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES
ISD PROJECT NO. E19-DTPW-06**

THIS NON-EXCLUSIVE AGREEMENT is made and entered into this _____ day of _____, 2021, by and between Miami-Dade County, a political subdivision of the State of Florida, hereinafter referred to as the “COUNTY”, and _____, a Florida Corporation, hereinafter referred to as the “LABORATORY”

W I T N E S S E T H:

For and in consideration of the mutual agreements hereinafter contained, the COUNTY hereby retains the LABORATORY and the LABORATORY hereby covenants to provide the professional services prescribed herein in connection with the following applicable categories:

☐ Testing-Drilling, Subsurface Investigations and Seismographic Services (9.01).

☐ Geotechnical and Materials Engineering Services (9.02).

☐ Concrete and Asphalt Testing (9.03).

☐ Non-Destructive Testing and Inspections (9.04).

☐ Roof Testing and Consulting (9.05).

SECTION I - COUNTY OBLIGATIONS

The COUNTY agrees that the Department of Transportation and Public Works or its authorized designee shall furnish to the LABORATORY any plans and other data available in the COUNTY files pertaining to the work to be performed under this Agreement. Information shown on such plans or data shall be that which has been made

available to the COUNTY, and shall be provided to the LABORATORY without guarantee regarding its reliability and accuracy; the LABORATORY shall be responsible for independently verifying such information if it shall be used by the LABORATORY to accomplish the work undertaken pursuant to this Agreement.

The Director of the Department Transportation and Public Works, hereinafter referred to as the “Director”, reserves the right to guarantee the accuracy of information provided by the COUNTY to the LABORATORY.

When such guarantee is provided in writing, the LABORATORY shall not be compensated for independent verification of said information.

There are no specific projects to be designated under this Agreement. The LABORATORY shall be issued work orders by the Director as the need for services arises, covering in detail the scope, time for completion and compensation for the work to be accomplished. In case of emergency, the COUNTY reserves the right to issue oral authorization to the LABORATORY with the understanding that written confirmation shall follow immediately thereafter. The LABORATORY shall submit a proposal upon the Director’s request prior to the issuance of a Notice to Proceed. No payment shall be made for the LABORATORY’s time or services in connection with the preparation of any such proposal. The Director or his authorized representative shall confer with the LABORATORY before any Notice to Proceed is issued to discuss and agree upon the scope, time for completion, and fee for services to be rendered pursuant to this Agreement

SECTION II - PROFESSIONAL SERVICES

Upon receipt of authorization to proceed from the COUNTY agency representative, the LABORATORY agrees to perform professional services associated with the requested work in accordance with the applicable Work Order. In connection with Professional Services to be rendered pursuant to this Agreement, the LABORATORY further agrees:

- A. To test and inspect all materials in accordance with the requirements of this Agreement; that all tests and inspections performed shall comply in all aspects to the specifications for the construction contract for which the testing services are to be performed; and that payment for services shall not exceed the fees as shown in the attached Fee Schedule, with the following exceptions.
- B. That whenever conditions arise, which require full-time services from one or more staff members of the LABORATORY, fees may be reduced by negotiation.
- C. That should LABORATORY services be required which are not included in the attached Fee Schedule, the fees for such services shall be negotiated.
- D. That the LABORATORY shall provide a maximum of five (5) copies of testing and inspection reports in accordance with the designated distribution. Additional reports, when authorized by the COUNTY or its representative, shall be supplied at the rates as shown on the Fee Schedule.
- E. That the Laboratory shall provide to the County on a yearly basis copies of the Occupational License and Certificate of Occupancy.

SECTION III - TERMS OF AGREEMENT

This Agreement shall remain in full force and effect for a period of three (3) years after its date of execution (although actual completion of the services hereunder may extend beyond such term) or until depletion of the funds allocated to pay for the cost of the services described herein, whichever occurs first, unless terminated by the County or as otherwise provided in Section XI, Section XVI, Section XXII, Section XXIII and Section XXIV herein. However, performance of specifically and properly authorized services which extend beyond the Agreement's three-year

effective term shall be compensated in accordance to Section III hereof.

SECTION IV – SCHEDULE OF WORK AND TIME FOR COMPLETION

The services to be rendered by the LABORATORY for each section of the work shall commence upon receipt of a written Work Order from the Department of Transportation and Public Works (Director) subsequent to the execution of the Agreement, and shall be completed within the time stated in the Work Order.

A reasonable extension of time shall be granted in the event there is a delay on the part of the COUNTY in fulfilling its part of the Agreement or should a Force Majeure, as defined in Section XVI hereof, render performance of the Laboratory's duties impossible. Such extensions of time shall not be cause for any claim by the Laboratory for extra compensation.

SECTION V – COMPENSATION

The COUNTY agrees to pay and the Laboratory agrees to accept, for services rendered pursuant to this Agreement, which are specifically authorized in writing by the County, including work as stipulated by Section II - Professional Services and all preliminary and/or incidental work thereto, fees computed in accordance with one or a combination of the methods outlined below:

A. Fees based on Fixed Hourly Rates: See Appendix "A"

B. Fees as a Multiple of Direct Salary Cost and Fixed Hourly rate.

The fees for services rendered by individuals whose personnel categories are not listed above, shall be computed based on the direct salary cost (as reported to the Internal Revenue Service) for the time said personnel are engaged directly in the work times a multiplier of 2.85 for office personnel, and 2.1 for field personnel, and the direct hourly salary times the multiplier are not to exceed \$ 140.00 per hour.

C. Fees Based on Lump Sums

The fee for any requested portion of work may, at the option of the COUNTY, be a lump sum mutually agreed upon by the COUNTY and the LABORATORY and stated in the written Notice to Proceed or Work Order. Lump sum fees may or may not include reimbursable expenses.

D. Overtime Work

Adjustments of compensation and time for completion of services there under, due to any major changes in the work, which might become necessary or be deemed desirable as the work progresses, shall be left to the absolute discretion of the Director, or designee. Should overtime work be necessary and when it is authorized in advance by the Director, such work that is performed by the Consultant's, project manager excluded, shall be compensated in accordance with the Laboratory's overtime rate policy, not to exceed time-and-a-half of the rates set forth in "Appendix A". The Principal of the firm shall not be compensated for overtime work.

E. Reimbursable Expenses

The Laboratory shall be compensated for certain work related expenditures not covered by fees for Laboratory Services, provided such expenditures are previously authorized by the Director or his/her designated designee. Reimbursable expenses may include: Expenses for document reproduction, rental of specialized equipment, and purchase of special instruments necessary for the efficient performance of the work, provided that such instruments remain the property of the County upon work completion all of the above shall be reimbursed on a direct cost basis. Prior written approval from the COUNTY shall be obtained for the aforementioned reimbursable expenditures.

SECTION VI - PAYMENT

The LABORATORY will accept as full payment for all expenses, work and materials necessary and incidental to the performance of the testing and inspection services, the sum determined by applying to the quantities of the items tested and inspected, the unit prices named in the Fees Schedule furnished at the time of contract execution.

SECTION VII - MONTHLY PAYMENT

Payment will be made monthly, by the County Departments issuing a work order, on invoices rendered for testing services performed and accepted. Each invoice shall have attached to it a copy of the report involved.

SECTION VIII - PROMPT PAYMENT

It is the policy of Miami-Dade County that payment for all purchases by County agencies and the Public Health Trust shall be made in a timely manner and that interest payments be made on late payments. In accordance with Florida Statutes, Section 218.74 and Section 2-8.1.4 of the Miami-Dade County Code, the time at which payment shall be due from the County or the Public Health Trust shall be forty-five (45) days from receipt of a proper invoice. The time at which payment shall be due to small businesses shall be thirty (30) days from receipt of a proper invoice. All payments due from the County or the Public Health Trust, and not made within the time specified by this section, shall bear interest from thirty (30) days after the due date at the rate of one percent (1%) per month on the unpaid balance. Further, proceedings to resolve disputes for payment of obligations shall be concluded by final written decision of the Mayor, or his or her designee(s), not later than sixty (60) days after the date on which the proper invoice was received by the County or the Public Health Trust.

It is the policy of the COUNTY that payment for all purchases by COUNTY agencies and the Public Health Trust shall be made in a timely manner and that interest payments are made on late payments, in Accordance with Florida Statutes, Section 218.74 and Section 2-8.1.4 of the Miami-Dade County Code.

SECTION IX – UTILIZATION REPORT (UR)

Pursuant to Administrative Order (A.O.) 3-32 Community Business Enterprise (CBE) A&E Program and/or A.O. 3-39 for the Resolution Repealing County Administrative Orders 3-33, 3-14 AND 3-28 And Establishing Administrative Order 3-39 Standard Process For Construction Of Capital Improvements, Acquisition Of Professional Services, Construction Contracting, Change Orders and Reporting, the Consultant is required to file utilization reports with the Miami-Dade County contracting department monthly, unless designated otherwise. URs are required to accompany every invoice. The UR should indicate the amount of contract monies received and

paid as a Consultant, including payments to Sub-consultant(s) (if applicable). The UR format is attached hereto as Attachment "A".

SECTION X - INVOICES

All LABORATORY invoices which include requests for payment for Services billed on an hourly basis will include a certification to the effect that payroll hours billed are accurate and that charges have been billed as shown under the terms of this Agreement. No contingency fees or lump sum are permitted. All invoices/proposals must be itemized according to the fee schedule.

SECTION XI - CERTIFICATION OF WAGE RATES

In accordance with Florida Statute 287.055, 5(a), the A/E firm hereby certifies and warrants that wage rates and other factual unit costs, as submitted in support of the compensation provided are accurate, complete and current as of the date of this Agreement. It is further agreed that said compensation shall be adjusted to exclude any significant costs where the COUNTY shall determine that the contract price of services was increased due to inaccurate, incomplete or unclear wage rates or other factual unit costs. All such contract compensation adjustments shall be made within one (1) year from the date of final billing or acceptance of the work by the COUNTY, or one (1) following the end of the contract, whichever is later.

SECTION XII - ADDITIONAL CHARGES

For authorized inspection not specifically covered in the Fee Schedule, nor negotiated under Paragraph 1.C, or for utility verification when authorized in conjunction with test borings and percolation tests, or when authorized tests are cancelled without adequate notification to the LABORATORY to cancel the tests, the LABORATORY shall be reimbursed at the rates as shown on the Fee Schedule. Services performed on an overtime basis must have prior written authorization by a duly authorized representative of the COUNTY.

Testing fees are generally based on the sample material being delivered to the LABORATORY by the COUNTY or picked up by the LABORATORY at no charge when the sampling is in conjunction and concurrently with other field tests being performed. This includes material being picked up for proctor, even if the density tests are not being performed on the same day.

In the event that a trip to the site has been authorized by the COUNTY or its representative, to solely sample the material due to the time factor being critical, sampling shall be charged at four (4) hours minimum the regular rate for the specific sub-category being used.

SECTION XIII - TERMINATION OF AGREEMENT

It is expressly understood and agreed that the Mayor or the Mayor's Designee may terminate this Agreement, in total or in part, without cause or penalty, by thirty (30) days prior written notification or by declining to issue Work Orders; in which event the COUNTY'S sole obligation to the LABORATORY shall be payment, in accordance with Section V- Monthly Payments, for those units or sections of work previously authorized. Such payment shall be determined on the basis of the hours or percentage of work performed by the LABORATORY up to the time of termination.

In the event partial payment has been made for professional services not performed, the LABORATORY shall return such sums to the COUNTY within ten (10) days after receipt of written notice that said sums are due. Upon such termination, the COUNTY may, without penalty or other obligation to the LABORATORY, elect to employ other persons to perform the same or similar services.

SECTION XIV - SUPERVISION

The LABORATORY will act under the supervision of the COUNTY'S authorized representative.

SECTION XV - DISABILITY NONDISCRIMINATION

The LABORATORY'S attention is directed to COUNTY Resolution No. R-385-95 pursuant to this resolution, the LABORATORY is required to submit the Disability Nondiscrimination Affidavit attesting that the LABORATORY complies with the requirements of the Americans with Disabilities Act (ADA) of 1990 and other laws prohibiting discrimination on the basis of disability.

The Mayor, or the Mayor's Designee may declare the LABORATORY in default of this agreement should a post contract violation of any of the acts occur.

SECTION XVI - AFFIRMATIVE ACTION

The LABORATORY'S Affirmative Action Plan submitted pursuant to Ordinance 82-37, as approved by the COUNTY's Office of Capital Improvements and any approved update thereof, are hereby incorporated as contractual obligations of the LABORATORY to the COUNTY hereunder. The LABORATORY shall undertake and perform the affirmative actions specified herein.

The Mayor or the Mayor's designee may declare the LABORATORY in default of this agreement for failure of the LABORATORY to comply with the requirements of this paragraph.

SECTION XVII - SUBCONTRACTING

The LABORATORY shall not subcontract any work under this Agreement without the written consent of the COUNTY. When applicable and upon receipt of such consent in writing, the LABORATORY shall cause the names of the firms responsible for the major portions of each separate specialty of the work to be inserted in the pertinent documents or data. No assignment or transfer of work will be allowed.

The priority for rotation and work assignment distribution, for the selected sole respondent, shall be based on the firm's ability and commitment to perform one hundred percent (100%) of the work specified on the Service Order.

Should the initially selected sole respondent be unable to perform 100% of the desired services in the Service Order, then the next firm in the rotation that can perform 100% of such services will be issued said Service Order. After each of the firms that can self-perform 100% of the work are issued a Service Order under the rotational pool system, then remaining firms in the pool will be issued Service Orders based on their ability to perform a minimum of sixty percent (60%) of the work, and at the County's sole discretion will select the next available firm in the existing pool to do the remaining 40% of the work/services.

The Department of Transportation and Public Works (DTPW) will be responsible for managing the rotation and attempting to equitably distribute the work assignments among all participants, as well as for selecting and assigning Service Orders to the selected sole respondent that can perform the highest percentage of the work, with 100% capability being the highest.

SECTION XVIII - FORCE MAJEURE

Force Majeure shall mean an act of God, epidemic, lightening, earthquake, fire, explosion, hurricane, flood or similar occurrence, strike, an act of a public enemy or blockade, insurrection, riot, general arrest or restraint of government and people, civil disturbance or similar occurrence, which has had or may reasonably be expected to have a material adverse effect on the rights and obligations under this Agreement and which, by the exercise of due diligence, such parties shall not have been able to avoid. Such acts or events DO NOT INCLUDE inclement weather (except as noted above) or the acts or omissions of sub consultants/subcontractors, third-party consultants/contractor, material men, suppliers, or their subcontractors, unless such acts or omissions are otherwise encompassed by the definition set forth above.

No party hereto shall be liable for its failure to carry out its obligations under the Agreement during a period when such party is rendered unable, in whole or in part, by Force Majeure to carry out such obligations, but the obligation of the party or parties relying on such Force Majeure shall be suspended only during the continuance of any inability so caused and for no longer period of said unexpected or uncontrollable event, and such cause shall, so far as possible, be remedied with all reasonable dispatch.

It is further agreed and stipulated that the right of any party hereto excuse its failure to perform by reason of Force Majeure shall be conditioned upon such party giving, to the other party or parties, written notice of its assertion that a Force Majeure delay has commenced within ten (10) working days after such commencement, unless there exists good cause for failure to give such notice, in which event, failure to give such notice shall not prejudice any party's right to justify any non-performance as caused by Force Majeure unless the failure to give timely notice causes material prejudice to the other party or parties.

SECTION XIX - REUSE OF DOCUMENTS

The LABORATORY may reuse data from other sections of the work included in this Agreement provided irrelevant material is deleted. The Director shall not accept any reused data containing an excess of irrelevant material, which has no connection with the applicable portion of the work.

SECTION XX - OWNERSHIP OF DOCUMENTS

All notes, correspondence, documents, designs, drawings, renderings, calculations, specifications, models, photographs, reports, surveys, investigations, and any other documents and copyrights thereto for Services performed or produced in the performance of this Agreement, whether in paper or other hard copy medium or in electronic medium, except with respect to copyrighted standard details and designs owned by the LABORATORY or owned by a third party and licensed to the LABORATORY for use and reproduction, shall become the property of the COUNTY without restrictions or limitations upon their use and shall be made available by the LABORATORY at any time upon request by the COUNTY. However, the COUNTY may grant an exclusive license of the copyright to the LABORATORY for reusing and reproducing copyrighted materials or portions thereof as authorized by the COUNTY in advance and in writing. In addition, the LABORATORY shall not disclose, release, or make available any document to any third party without prior written approval from the COUNTY. The LABORATORY shall warrant to the COUNTY that he/she has been granted a license to use and reproduce any standard details and designs owned by a third party and used or reproduced by the LABORATORY in the performance of this Agreement. Nothing contained herein shall be deemed to exclude any document from Chapter 119 of the Florida Statutes. Reuse of such data by the COUNTY for any purpose other than that for which prepared shall be at the COUNTY's sole risk. When each individual section of work requested pursuant to this Agreement is complete, all of the above data shall be delivered to the Director.

The COUNTY shall have the right to modify the plans, or reports, or any components thereof without permission from the LABORATORY or without any additional compensation to the LABORATORY. The LABORATORY shall be released from any liability resulting from such modification.

SECTION XXI - AUDIT RIGHTS

The COUNTY reserves the right to audit the records of the LABORATORY related to this Agreement at any reasonable time and during normal business hours during the performance of the work included herein and for a period of five (5) years after final payment under this Agreement. The LABORATORY agrees to provide any records necessary to substantiate payment requests to the COUNTY, including audited financial statements. In the event an audit

undertaken pursuant to this section reveals improper, inadvertent, or mistaken payments to the LABORATORY, the LABORATORY shall remit such payments to the COUNTY. The COUNTY shall retain all legal and equitable rights with respect to recovery of payments.

SECTION XXII - RIGHT OF DECISIONS

All services shall be performed by the LABORATORY to the satisfaction of the Director of the Department ordering the services and who shall decide all questions, difficulties, and disputes of whatever nature which may arise under or by reason of this Agreement, the prosecution and fulfillment of the services hereunder, and the character, quality, amount and value thereof. The Director's decisions upon all claims, questions and disputes shall be final, conclusive and binding upon the parties hereto, unless such determination is clearly arbitrary or unreasonable. In the event the LABORATORY does not concur with the decision of the Director, the LABORATORY shall present any such objections in writing to the Mayor. Adjustments of compensation and time for completion of services hereunder, because of any major changes in the work that might become necessary or be deemed desirable as the work progresses, shall be left to the absolute discretion of the Director. In the event that the LABORATORY does not concur with the decisions of the Director, the LABORATORY shall present any such objections in writing to the Mayor. The Director and the LABORATORY shall abide by the decisions of the Mayor. This paragraph does not constitute a waiver of any party's right to proceed in a court of competent jurisdiction.

SECTION XXIII - INSURANCE

Contractor shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the Contractor or its employees, agents, servants, partners principals or subcontractors. Contractor shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings,

and shall pay all costs, judgments, and attorney's fees which may issue thereon. Contractor expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by Contractor shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its officers, employees, agents and instrumentalities as herein provided.

The Contractor shall furnish to Department of Transportation and Public Works, 111 NW 1ST Street, Suite 1620, Miami, FL 33128, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A. Worker's Compensation Insurance for all employees of the Contractor as required by Florida Statute 440.
- B. Commercial General Liability Insurance on a comprehensive basis in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage. **Miami-Dade County must be shown as an additional insured with respect to this coverage.**
- C. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage.
- D. Professional Liability Insurance in an amount not less than \$1,000,000 per claim.

All insurance policies required above shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than "B" as to management, and no less than "Class V" as to financial strength by Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the County Risk Management Division.

or

The company must hold a valid Florida Certificate of Authority as shown in the latest “List of All Insurance Companies Authorized or Approved to Do Business in Florida” issued by the State of Florida Department of Financial Services and are members of the Florida Guaranty Fund.

**NOTE: CERTIFICATE HOLDER MUST READ: MIAMI-DADE COUNTY
111 NW 1st STREET
SUITE 2340
MIAMI, FL 33128**

SECTION XXIV - DEFAULT

In the event the LABORATORY fails to comply with the provisions of this Agreement, the COUNTY may declare the LABORATORY in default by thirty days prior written notification. In such event, the LABORATORY shall only be compensated for any completed professional services. In the event partial payment has been made for such professional services not completed, the LABORATORY shall return such sums to the COUNTY within ten (10) days after receipt of written notice that said sums are due. The LABORATORY shall not be compensated on a percentage of the professional services which have been performed at the time the COUNTY declares a default. In the event the COUNTY prevails in litigation to enforce the provisions of this Agreement, the COUNTY shall be compensated by the LABORATORY for reasonable attorney’s fees and court costs.

SECTION XXV - LAWS AND REGULATIONS:

The LABORATORY shall, during the term of this Agreement, be governed by Federal, State and Miami-Dade County Laws, Regulatory Orders, County Codes and Resolutions which may have a bearing on the Services involved in this Project. The Department will assist the Consultant in obtaining copies of the Miami-Dade County Codes, Regulatory Orders and Resolutions.

The Agreement shall be governed by the laws of the State of Florida and may be enforced in a court of competent jurisdiction in Miami-Dade County, Florida.

In accordance with Florida Statutes 119.07 (3) (ee), entitled “Inspection, Examination, and Duplication of Records; Exemptions”, all building plans, blueprints, schematic drawings, and diagrams, including draft, preliminary, and final formats, are exempt from the provisions of

subsection (1) and s. 24(a), Article I of the State Constitution. Information made exempt by this paragraph, with prior approval from the Department, may be disclosed to another entity to perform its duties and responsibilities; to a licensed architect, engineer, or contractor who is performing work on or related to the project; or upon a showing of good cause before a court of competent jurisdiction. The entities or persons receiving such information shall maintain the exempt status of the information.

In addition to the above requirements in this sub-article, the LABORATORY agrees to abide by all federal, state, and County procedures, as may be amended from time to time, by which the documents are handled, copied, and distributed which may include but is not limited to each employee of the LABORATORY and Sub-consultant(s) that will be involved in the project, shall sign an agreement stating that they will not copy, duplicate, or distribute the documents unless authorized by the Owner as required in Article 3.14.4.

The LABORATORY and its Sub-consultant(s) agree in writing that the project documents are to be kept and maintained in a secure location.

Each set of the project documents are to be numbered and the whereabouts of the documents shall be tracked at all times.

A log is developed to track each set of documents logging in the date, time, and name of the individual(s) that work on or view the documents.

The LABORATORY shall comply with the financial disclosure requirements of Ordinance No. 77. 13 by having on file or filing within thirty (30) days of the execution of this Agreement one of the following with the Miami-Dade County Elections Department, P.O. Box 01224, Miami, FL 33101:

- A. A source of income statement
- B. A current certified financial statement
- C. A copy of the LABORATORY'S current Federal Income Tax Return

SECTION XXVI – ORDINANCES AND RESOLUTIONS:

The Engineer/Architect shall comply with the financial disclosure requirements of Ordinance No. 77-13, as amended, by having on file or filing within thirty (30) days of the execution of the Agreement one of the following with the Supervisor of the Miami-Dade County Elections Department, P.O. Box 521550, Miami, Florida 33152-1550.

- A. A source of income statement
- B. A current certified financial statement
- C. A copy of the Engineer's/Architect's current Federal Income Tax Return

SECTION XXVII - OFFICE OF THE INSPECTOR GENERAL (IG) AND INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL (IPSIG):

According to Section 2-1076 of the Code of Miami-Dade County, Miami-Dade County has established the Office of the Inspector General (IG) which may, on a random basis, perform audits, inspections, and reviews of all County/Trust contracts. This random audit is separate and distinct from any other audit by the County. To pay for the functions of the Office of the Inspector General, any and all payments to be made to the LABORATORY under this contract will be assessed one quarter (1/4) of one (1) percent of the total amount of the payment, to be deducted from each progress payment as the same becomes due unless, as stated in the Special Conditions, this Contract is federally or state funded where federal or state law or regulations preclude such a charge. **The LABORATORY shall in stating its agreed process be mindful of this assessment, which will not be separately identified, calculated or adjusted in the proposal or bid form.** The audit cost shall also be included in all change orders and all contract renewals and extensions.

The Miami-Dade Office of Inspector General is authorized to investigate County affairs and empowered to review past, present and proposed County and Public Health Trust programs, accounts, records, contracts and transactions. In addition, the Inspector General has the power to subpoena witnesses, administer oaths, require the production of witnesses and monitor existing projects and programs. Monitoring of an existing project or program may include a report concerning whether the project is on time, within budget and in conformance with plans, specifications and applicable law. The Inspector General shall have the power to audit, investigate, monitor, oversee, inspect and review operations, activities, performance and procurement process including but not limited to project design, bid specifications, (bid/proposal) submittals, activities

of the LABORATORY, its officers, agents and employees, lobbyists, County and Public Health Trust staff and elected officials to ensure compliance with contract specifications and to detect fraud and corruption.

Upon ten (10) days written notice to the LABORATORY shall make all requested records and documents available to the Inspector General for inspection and copying. The Inspector General shall have the right to inspect and copy all documents and records in the LABORATORY possession, custody or control which in the Inspector General's sole judgment, pertain to performance of the contract, including, but not limited to original estimate files, change order estimate files, worksheets, proposals and agreements from and with successful subcontractors and suppliers, all project-related correspondence, memoranda, instructions, financial documents, construction documents, (bid/proposal) and contract documents, back-change documents, all documents and records which involve cash, trade or volume discounts, insurance proceeds, rebates, or dividends received, payroll and personnel records and supporting documentation for the aforesaid documents and records.

The LABORATORY shall make available at its office at all reasonable times the records, materials, and other evidence regarding the acquisition (bid preparation) and performance of this contract, for examination, audit, or reproduction, until three (3) years after final payment under this contract or for any longer period required by statute or by other clauses of this contract. In addition:

1. If this contract is completely or partially terminated, the LABORATORY shall make available records relating to the work terminated until three (3) years after any resulting final termination settlement; and
2. The LABORATORY shall make available records relating to appeals or to litigation or the settlement of claims arising under or relating to this contract until such appeals, litigation, or claims are finally resolved.

The provisions in this section shall apply to the LABORATORY, its officers, agents, employees, subcontractors and suppliers. The LABORATORY shall incorporate the provisions in this section in all subcontracts and all other agreements executed by the LABORATORY in connection with the performance of this contract.

Nothing in this section shall impair any independent right to the County to conduct audits or investigative activities. The provisions of this section are neither intended nor shall they be construed to impose any liability on the County by the LABORATORY or third parties.

Exception: The above application of one quarter (1/4) of one percent fee assessment shall not apply to the following contracts: (a) IPSIG contracts; (b) contracts for legal services; (c) contracts for financial advisory services; (d) auditing contracts; (e) facility rentals and lease agreements; (f) concessions and other rental agreements; (g) insurance contracts; (h) revenue-generating contracts; (i) contracts where an IPSIG is assigned at the time the contract is approved by the Trust; (j) professional service agreements under \$1,000; (k) management agreements; (l) small purchase orders as defined in Miami-Dade County Administrative Order 3-2; (m) federal, state and local government-funded grants; and (n) Interlocal agreements. Notwithstanding the foregoing, the Trust may authorize the inclusion of the fee assessment of one-quarter (1/4) of one percent in any exempted contract at the time of award.

Nothing contained above shall in any way limit the powers of the Inspector General to perform audits on all Trust contracts including, but not limited to, those contracts specifically exempted above.

SECTION XXVIII - PERFORMANCE EVALUATIONS

Performance evaluations of the services rendered under this Agreement shall be performed by the Departments and shall be utilized by the COUNTY as evaluation criteria for future solicitations.

SECTION XXIX - SANCTIONS FOR CONTRACTUAL VIOLATIONS

Proposal and contract documents shall provide that, notwithstanding any other penalties for firms that have discriminated in violation of Article VII of Chapter 11A of the Code, the County may terminate the contract or require the termination or cancellation of the sub consultant contract. In addition, a violation by a respondent or sub consultant to the respondent, or failure to comply with the Administrative Order (A.O.) 3-39 may result in the imposition of one or more of the sanctions listed in the A.O.

SECTION XXX - PROFESSIONAL ENGINEER

A Professional Engineer registered in the State of Florida shall be actively in charge of and responsible for the operations, personnel, management, and the operations, personnel, management, and supervision of the LABORATORY in the performance of services covered by this Agreement. The certification of all reports as hereinafter required shall be made by such Engineer. The Engineer shall not be in charge of more than one testing Laboratory at any one time, and the management of the testing laboratory shall constitute his principal occupation. For the purpose of record, the signature of the Professional Engineer certifying reports shall be as follows:

_____Florida Certificate No. _____

Should the authorized signature be changed or should additional parties be authorized to certify testing reports as specified above, the LABORATORY shall file a new signature or signatures of record.

SECTION XXXI - WARRANTY

The LABORATORY warrants that no companies or persons, other than bona fide employees working solely for the LABORATORY or the LABORATORY'S COUNTY-AUTHORIZED SUB-CONSULTANTS, have been retained or employed to solicit or secure this Agreement or have been paid or guaranteed payment of any fees, commissions, percentage fees, gifts or any other considerations contingent upon or resulting from the award or making of this Agreement. The LABORATORY also warrants that no COUNTY personnel, whether full-time or part-time employees, has or shall be retained or employed in any capacity, by the LABORATORY or the LABORATORY'S COUNTY approved sub-consultants, to accomplish the work contemplated under the terms of this Agreement. For breach or violation of this warranty, the COUNTY shall have the right to annul this Agreement without liability.

SECTION XXXII - REPORTING REQUIREMENTS

Section 3 Reporting Requirements:

The Consultant is required to submit New Hire Section 3 Monthly Compliance Form (PH) and MDHA Monthly Employment Report Form (PH) attesting that the Consultant complies with the

requirements of Section 3 of the HUD Act of 1968. The Section 3 documents are attached as Attachment “B” and Attachment “C”.

This form is distributed to the general contractor, vendor or service provider, who must also provide this form to any sub-contractor or sub-consultant hired under this award. Complete steps 1-3 below for each report, and, when there are new hires, review and check each applicable each item, listed under step 3.

1. **You must complete this form each month, in connection with this award**, and deliver or fax form, by the 5th day of new month, to Jorge Rendon, (786-) 469-4227, Public Housing and Community Development (PHCD) Quality Assurance and Compliance, 1401 NW 7th St., Bldg. “G”, Miami, FL 33125.
2. **When you hire any new personnel (Section 3 or non-Section 3 employees), in connection with this award, you must also complete and submit a monthly employment report (Attachments “B & C”) for the remainder of the project**, to the Compliance office.
3. **Month:** (Fm:) _____ (mo./day/date) To: _____ (mo./day/date)
 - ☐ I have **not hired** any new employees during month shown above.
 - ☐ I **have hired** _____ **Section 3 employees** and/or _____ **Non-Section 3 employees** during month shown above, and have checked the recruitment steps, listed below, I have taken to find Section 3 low-income residents, from the targeted groups and neighborhoods, to fill any vacancies in connection with this award: (Check all that apply and attach documentation.)
 - ☐ Advertised in major and community newspapers, and posted signs at job site, and in surrounding neighborhood, for targeted workers and used *Document 00404, “Section 3 Language for News Ads, Flyers and Job Notices”* in all job notices, flyers and announcements;
 - ☐ Taken photographs of the above item to document that the above step was carried out;
 - ☐ Contacted Margaret Hall, at (305) 644-5104, and fax (305) 644-5394 for MDHA employment referrals;
 - ☐ Contacted YWCA of Greater Miami, Inc. at (305) 377-9922, or fax (305) 373-9922, for HUD Youth-build employment referrals;
 - ☐ Sent notices about Section 3 training and employment obligations and opportunities applicable to this project to labor organizations, where applicable (see **Section 3 Clause**);

- ☐ Scheduled a time and place convenient for public housing, Section 8 and other Section 3 residents, minorities and women to complete job applications.
- ☐ Presented *Document 00401, "Section 3 Resident Preference Claim Form"*, to all job applicants and explained Section 3 residents will receive preference in the recruitment/selection process, if they meet minimum job eligibility criteria.
- ☐ Requested applicants that claimed a Section 3 preference to provide proof, as described in Document 00401, or to complete *Document 00402, "Section 3 Resident or Employee Household Income Certification Form"* (**Public housing residents must receive the highest preference points during the employer interview/selection process.**)
- ☐ Kept a log of all applicants, and indicated the reasons why Section 3 residents who applied were not hired;
- ☐ Retained copies of any employment applications completed by public housing, Section 8 and other Section 3 residents, minorities and women.

Fax proof of all checked items to PHCD Quality Assurance and Compliance, at (786) 469-4227, or deliver to PHCD, 1401 NW 7th St., Bldg. G, Miami, Fl. 33125.

SECTION XXXIII – ENTIRETY OF AGREEMENT

This writing embodies the entire agreement and understanding between the parties hereto, and there are no other agreements and understandings, oral or written with reference to the subject matter hereof that are not merged herein and superseded hereby. No alterations change, or modification of the terms of this Agreement shall be valid unless made in writing, signed by both parties hereto, and approved by the Board of County Commissioners. This Agreement, regardless of where executed, shall be governed by and construed according to the laws of the State of Florida, and venue shall be in Dade County, Florida.

IN WITNESS WHEREOF the parties hereto have executed these presents this ____
day of _____, 2020.

ATTEST:

HARVEY RUVIN
CLERK OF THE BOARD

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

By: _____

By: _____
Mayor or Mayor's Designee

ATTEST:

By: _____
(CORPORATE SEAL) Date

By: _____
Date

By: _____
Witness Date

By: _____
Witness Date

Assistant County Attorney
Approved as to form and
legal sufficiency

Date

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2020-2023

CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
1. <u>GEOTECHNICAL SERVICES</u> (9.01)			
Mobilization of Truck-Mounted Drill Rig. [If special access equipment required (i.e. ATV's, Off-Road or Marine Equipment) or restricted access See <u>Item 8</u> of the "General Notes and Special Conditions" for Rates.]			
A.		\$ 401.27	Up to 4 Percolations per Day or Up to 100 Ft. of Borings.
B. <u>Borings Standard Penetration per ASTM D-1586:</u>			
<u>With or Without Casing:</u>			
Penetration Depth 0' to 50'		\$ 22.93	Per Foot
Penetration Depth 51' to 75'		\$ 27.52	Per Foot
Penetration Depth 76' to 100'		\$ 32.10	Per Foot
Penetration Depth 101' to 150'		\$ 38.98	Per Foot
C. <u>Auger Borings per ASTM D-1452 Penetration Depth:</u>			
Penetration Depth 0' to 50'		\$ 17.19	Per Foot
Penetration Depth 51' to 75'		\$ 19.49	Per Foot
Penetration Depth 76' to 100'		\$ 21.78	Per Foot
Penetration Depth 101' to 150'		\$ 26.37	Per Foot
D. <u>Rock Coring per ASTM D-2113 (Max. NX Size):</u>			
Penetration Depth 0' to 50'		\$ 38.61	Per Foot
Penetration Depth 51' to 75'		\$ 45.86	Per Foot
Penetration Depth 76' to 100'		\$ 53.89	Per Foot
Penetration Depth 101' to 150'		\$ 60.76	Per Foot
Casing		\$8.00	Per Foot
Rates for 4" Diameter Rock Coring to be negotiated with Project Manager			
E. Standard Penetration Test (Includes Mobilization and Soil Boring Log) (Portable Equipment)		\$ 28.66	Per Foot

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2020-2023

CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
1E.1	Standard Penetration Test (Water Boring) (Equipment Excluded, Barge Cost to be Negotiated by User Department. Permit Reimbursable upon Proof of Payment.)	\$ 57.32	Per Foot
F.	Undisturbed Sampling per ASTM D-15	\$ 126.12	Per Sample
G.	Slug Percolation Test-USGS / PWD 9" Dia. Hole (DERM) (Min. 2 per Job)	\$ 459.23	Per Test
H.	Double Ring Infiltration Test per ASTM D-3385 (Swale or Grassy Areas) (Min. 2 Tests)	\$ 527.39	Per Test
I.	Percolation Tests		
1I.1	Fla. Dept. of Health and Rehabilitative Services, Chapter 100-6.57 (Min. 2 Tests per Job)	\$ 394.39	Per Test
1I.2	DCPW Highway Division (Min. 12" Dia.) (Min. 2 Tests per Job)	\$ 567.51	Per Test
1I.3	Open Hole Method (Min. 6" Dia.)(Min. 2 Tests)	\$ 552.96	Per Test
J.	Closing Holes with Grout / Approved Method(s) to Safe proof Site. [Safe proof to be Accomplished Before Laboratory Leaves the Site(s)]	\$ 9.17	Per Lineal Foot
K.	Trench Test per So. Fla. Water Management District. (Excludes Equipment and Operator) (Provide Equipment Rental Invoice for Direct Cost Reimbursement).	\$ 558.24	Per Test
L.	Soil Cement Stabilization Field Inspection	\$ 92.87	Per Hour
1L.1	Soil Cement Cylinder Testing	\$ 72.23	Per Hour
M.	Water Quality Monitoring	\$ 92.87	Per Sample
N.	Geotechnical Engineering Evaluation and Report of Existing Soil with Respect to Allowable Bearing Capacity.	\$ 137.58	Per Hour
O.	Geotechnical Engineer Pile Capacity Analysis	\$ 137.58	Per Hour
P.	Muck Probes	\$ 91.72	Per Hour
2.	<u>MONITORING WELLS (Includes Drilling) (9.01)</u>		

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2020-2023

CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
A. Mobilization of Truck-Mounted Drill Rig. (Same Conditions Apply as referenced for Geotechnical Services, Item 1.A, Page 1 of the Fee Schedule)		\$ 401.27	Up to 2 Wells per Day
B. Monitoring Well Installation (2" PVC, Max. 20' Depth)* (Min. 2 Wells)**		\$ 745.22	Per Well
C. Monitoring Well Abandonment (2" PVC, Max. 20' Depth)* (Min. 2 Wells)**		\$ 331.00	Per Well
D. Monitoring Well Abandonment (4" PVC, Max. 20' Depth)* (Min. 2 Wells)**		\$ 374.82	Per Well
E. Monitoring Well (4" PVC, Max. 20' Depth)* (Min. 2 Wells)**		\$ 972.23	Per Well
F. Monitoring Well Installation (2" PVC, Greater than 20' up to 100') * (Min. 2 Wells)**		\$ 80.25	Per Foot
* Excludes Permit.			
** Due to Security Constraints Rates Negotiable for Aviation, Seaport and MDT.			
G. Repair of Monitoring Wells Unit Rates		\$ 1,071.98	Per Unit
H. Water Quality Monitoring (Does Not Include Analytical Tests) (Per Well)		\$ 278.68	Per Well
I. Direct Push Well Installation (20 Feet Max.)		\$ 882.80	Per Well
J. Direct Push Soil / Groundwater Sampling		\$ 1,834.39	Per Day
K. Boat Rental (Min. 8 Hour Day) With Prior Approval by the Issuing Department (Furnish Copy of Ownership or Copy of Rental Invoice).		\$ 515.92	Per Day

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
3. <u>PRE-STRESS / PRE-CAST</u> (9.02) (Includes Travel, Mileage, Delivery and Certified Reports).			
A. Pre-Stress / Pre-Cast Fabrication Inspection per PCI MNL-116 (Structural) or MNL-117 (Architectural) (Bridge and Building Units / Ready Mix Plants Inspections) (Min. 4 Hrs.)		\$ 92.87	Per Hour
B. Pre-Stress (Inspection and Certified Report Included) (Stressing Operation and Inspection) per PCI MNL-116 (Min. 4 Hrs.)		\$ 92.87	Per Hour
C. Reinforced Concrete Pipe and Pre-Fabricated Manhole Inspection (Types, Sizes, and Design) (Includes Inspection and Certified Report) (Min. 4 Hrs.)		\$ 92.87	Per Hour
D. Absorption Test of Pre-Cast Units per ASTM C-497.		\$ 59.61	Per Core
E. Three Edge Bearing Test per ASTM C-497.		\$ 92.87	Per Hour
F. Hydrostatic Testing per ASTM C-497.		\$ 92.87	Per Hour
G. Testing Concrete Cylinder per ASTM C-497. (Same Conditions Apply as Shown on 3A.1) (Does <u>NOT</u> Include <u>Technician</u> or <u>Pick-Up</u>).		\$ 126.12	Per Cylinder
* If Additional Hours are Required Must have Approval from Issuing Department.			
4. <u>PILING</u> (9.02)			
A. Pile Driving/Auger Cast Pile Inspection (Includes Certified Log/Report (4 Hrs. Min.)		\$ 92.87	Per Hour
4A.1	Splice of Piles as an Addition (per Occurrence) (with Prior Approval from Engineer) (Witness Splice).	\$ 92.87	Per Hour
B. Vibro-Flotation Inspection (4 Hrs. Min.)		\$ 92.87	Per Hour
C. Pile Load Test -Test Frame and Load Set-up Witnessed by Certified Inspector per ASTM D-1143 (Equipment / Loads Furnished by Contractor)		\$ 92.87	Per Hour
4C.1	Furnishing and Set-up of Calibrated Gauges.	\$ 124.90	Per Gauge
4C.2	Monitoring of Pile Load Test, Collect Field Data, and Inspector Time.	\$ 92.87	Per Hour

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2020-2023

CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
4C.3	Pile Load Test Report, Certify and Prepare Report for Load Capacity of Pile. (Engineer's Time).	\$ 137.58	Per Hour
4C.4	Pile Dynamic per Day (To be negotiated by PM)		
5. <u>SOILS</u> (9.02) (Includes Travel, Mileage, Delivery and Certified Report)(Does NOT Include Technician or Pick-Up).			
A. Field Density Tests			
5A.1	Sand Cone Method per AASHTO T-19 and ASTM D-1556 (2 Tests Min.)	\$ 98.60	Per Test
Nuclear Method per AASHTO T-238 & ASTM D-2922, (Moisture per AASHTO T-239 & ASTM D-3017) (Min. 4 Tests):			
5A.2	Per Test (From 1 thru 4 Tests), Per Trip	\$ 54.48	Per Test
	Per Test (From 5 thru 10 Tests), Per Trip	\$ 37.83	Per Test
	Per Test (From 11 or More Tests), Per Trip	\$ 33.25	Per Test
5A.3	Maximum / Minimum Relative Density Tests per ASTM D-4253 and 4254 (Field and Laboratory)	\$ 189.17	Per Test
5A.4	Hourly Rate-(Min. 4 Hrs.)* (Unlimited Tests) (7:00 AM to 6:00 PM) (Equipment ONLY , Technician NOT included)	\$ 72.23	Per Hour
*	If Laboratory Finishes Work in Less than the 4 Hr. Increment, they Shall be Paid for the Full 4 Hrs., if Time Runs Past the 4 Hr. Increment, Extra Hrs. Shall Be Paid at the Per Hour Rate, Upon Approval from Issuing Department.		
5A.5	<u>Evening Density Testing (7:00 PM to 6:00 AM) (If Requested by Issuing Department Designee to be Performed in the Evening and to be Paid at the Min. 4 Hrs. Unlimited Tests*) (Equipment ONLY, Technician NOT included.)</u>	\$ 97.46	Per Hour
B. Moisture Density Tests (Proctor)			

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2020-2023

CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
5B.1	Standard per AASHTO T-99 and ASTM D-698 (Non-Traffic Areas)(Min. 2 Tests per Trip)	\$ 146.75	Per Test
5B.2	Modified per AASHTO T-180 and ASTM-1577 (Building / Highway Projects) (Min. 2 Tests per Trip)	\$ 165.10	Per Test
C.	Limerock Bearing Ratio (LBR) - FDOT	\$ 401.27	Per Test
D.	Carbonates on LBR Material (2 Tests per Trip)	\$ 80.25	Per Test
E.	Laboratory California Bearing Ratio (CBR) per ASTM D-1883 (One Point)	\$ 309.55	Per Test
5E.1	Lab Proctor Test	\$ 165.10	Per Test
5E.2	Three (3) Point CBR	\$ 389.80	Per Test
F.	Field California Bearing Ratio per Asphalt Institute MS-10 (Latest Version) (Reaction Load by Others) (2 Tests Min.)	\$ 464.33	Per Test
G.	Moisture Content	\$ 43.57	Per Test
H.	Organic Content	.	Per Test
5H.1	Limerock per AASHTO T-267 (by Incineration)	\$ 57.32	Per Test
5H.2	Test of Soil Chemical Analysis [(1972) P.R. Hesse P. 211] (by Peroxide)	\$ 80.25	Per Test
I.	Grain Size per AASHTO T-27 (Sieve Analysis Only)	\$ 73.37	Per Test
J.	Mechanical Analysis per ASTM D-422 or T-11 and T-27	\$ 77.96	Per Test
K.	Soil Classification per ASTM D-3282 and D-2487 (AASHTO-Unified-FAA)	\$ 110.06	Per Test
L.	Los Angeles Abrasion on Rip-Rap per ASTM C-535 (Large Size Coarse Aggregate)	\$ 275.15	Per Test
M.	Soundness on Rip-Rap per ASTM C-88 (5 Cycle Sodium Sulphate)	\$ 325.21	Per Test
N.	Soil Specific Gravity per ASTM D-854	\$ 68.79	Per Test

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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
O.	Material Finer than 200 Sieve per ASTM C-117	\$ 51.59	Per Test
P.	Liquid Limit per ASTM D-4318 (Atterberg Limits)	\$ 85.99	Per Test
Q.	Salt Content per FDOT FM 5-516	\$ 66.49	Per Test
R.	Limerock Base Thickness Determination - Minimum 3" Diameter Holes FAAP- 211 (Min. 2 Tests) (Excludes Mobilization and Transportation)	\$ 88.28	Per Test
	* Unlimited Tests	\$ 773.88	Per Day
S.	Limerock Chemical Analysis per DCPW, FDOT (2 Tests Min.)	\$ 97.46	Per Test
T.	Limerock Chemical Analysis per DCAD FAAP-211 (2 Tests Min.)	\$ 97.46	Per Test
U.	Resistivity Test in Accordance with California Method 643-7 with Break-down for Test, Sampling, PH Measurement of Water and Soil, etc.	\$ 165.10	Per Test
V.	Sediments Tests	\$ 82.55	Per Test
W.	Soil Load Bearing Test (Plate Load) (Reaction Load by Others)		
	5W.1 Static Load on Footings per ASTM D-1194	\$ 593.89	Per Test
	5W.2 Repetitive Static Load for Pavement per ASTM D-1195	\$ 629.43	Per Test
	5W.3 Non-Repetitive Static Load for Pavement per ASTM D-1196	\$ 629.43	Per Test
X.	Soil Relative Density Tests (Vibro-Flotation / In-Situ Verification)		
	5X.1 CPT Cone Penetration Test Soundings	\$ 18.35	Per Foot
Y.	Horticultural Service for PH Value of Soil	\$ 48.11	Per Test
Z.	Horticultural Service for Soluble Salts in Soil	\$ 80.25	Per Test
AA.	Horticultural Service for Macro Nutrients in Soil	\$ 93.05	Per Test
AB.	Backfill Monitoring (4 Hrs. Min.)	\$ 74.52	Per Hour
AC.	Geotechnical Engineer (Min. 2 Hours)	\$ 137.58	Per Hour

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2020-2023

CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
6. ASPHALT CONCRETE (9.03)			
(Includes Travel, Mileage, Delivery and Certified Report.)(Does NOT Include Technician or Pick-Up).			
A. Asphalt Paving Design Mix Marshall Method (Includes Sampling, Standard Design and Applicable Marshall Procedures) per Asphalt Institute Manual Series No. 2		\$ 905.73	Per Mix
B. Analysis of Special Design Mix.		\$ 733.75	Per Mix
C. Marshall Properties (FDOT Procedures) (Aviation P- 401 / P- 405). (Technician plus tests.)			
6C. 1	Stability per ASTM D-1559 or AASHTO D-T 245 (Set of 3 Specimen).	\$ 139.88	Per Set
6C. 2	Flow per ASTM - 1559 or AASHTO D-T 245 (Set of 3 Specimen).	\$ 128.41	Per Set
6C. 3	Density per ASTM D-2726 (Set of 3 Specimen).	\$ 131.84	Per Set
6C. 4	Air Voids per ASTM- 3203 (Set of 3 Specimen).	\$ 128.41	Per Set
6C. 5	Maximum Density per ASTM D-2041.	\$ 29.72	Per Set
6C. 6	Particle Coating per ASTM D-2489.	\$ 144.46	Per Sample
6C. 7	Sampling/Prep. Per ASTM D-1559 / D-2726.	\$ 88.28	Per Sample
6C. 8	Bulk Specific Gravity of Drilled Core per ASTM D-2726.	\$ 61.91	Per Core
6C. 9	Moisture Content - Drying per ASTM C-566.	\$ 63.06	Per Sample
6C.10	Moisture Content - Distillation per ASTM D-1461.	\$ 149.05	Per Sample
6C.11	Asphaltic Specific Gravity / Absorption of Aggregate Blends.	\$ 114.65	Per Aggregate Sample
6C.12	Sampling Hot Mix at Manufacturer Per ASTM D-979.	\$ 68.79	Per Hour
6C.13	Effect of Water on Hot Mix per ASTM D-1075 (Set of 6 Samples).	\$ 144.46	Per Set
6C.14	Washed Sieve Analysis.	\$ 73.37	Per Sample

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2020-2023

CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
6C.15	AASHTO T-182.	\$ 160.51	Per Sample
6C.16	Flat / Elongated Pieces per ASTM D-4791.	\$ 154.78	Per Sample
6C.17	Effect of Moisture On Hot Mix per ASTM D-4867 (Set of 6 Samples).	\$ 343.95	Per Set
6C.18	Sand Equivalent per ASTM D-2419	\$ 114.65	Per Sample
6C.19	Effect of Water on Cohesion per ASTM D-1075 / Modified.	\$ 218.99	Per Sample
D.	Extraction/Gradation Analysis per ASTM D-6307.	\$ 166.24	Per Test
E.	Asphalt Plant Technician Using FDOT Approved Plant, Laboratory and Procedures for Extraction, Gradations, Marshall Tests and Temperature Checks (ASTM D-290-85) (Per Person. Min. 4 Hrs.)	\$ 92.87	Per Hour
F.	Paving Technician for On-Site Paving Operations, Inspections per FDOT Procedures (Temperature, Density Testing and Observation) (4 Hr. Min.)	\$ 92.87	Per Hour
G.	Asphalt Densities (Nuclear-Back Scatter Method) (Min. 4 Tests).	\$ 34.40	Per Test
H.	Asphalt Core Drilling for Thickness Measurements (Includes Asphalt Patching) (Min. 6 Cores per Call-Out).	\$ 68.79	Per Core
I.	Asphalt Cores Laboratory Tests for Measurements per ASTM D-3549 and Weight per Cubic Foot, per ASTM D-2726. (Min. 4 Cores)	\$ 51.59	Per Core
J.	Gyratory Compaction (Bulk Specific Gravity)	\$ 137.58	Per Sample
<u>7. TECHNICAL SERVICES (AVIATION) (9.03)</u>			
A.	P401 Technical Services - NICET III/P.E./FDOT/Equivalent per ASTM D-3666 Asphalt Plant Facilities & Initial Plant Inspection, Quality Reviews, Design Mix/JMF Review, Technical Report/Meetings/Coordination Oversight/PWL /Reviews (Min. 4 Hrs.).	\$ 143.31	Per Hour
B.	P401 / P405 / P602 / P603 / P609 - Field Acceptance Inspection. Certified Inspector per ASTM D-3666.		
7B.1	Level "I" Inspector (Weekday Min. 4 Hrs.)	\$ 92.87	Per Hour

MIAMI-DADE COUNTY
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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
7B.2	Level "II" Inspector (Weekday Min. 4 Hrs.)	\$ 96.30	Per Hour
7B.3	Cancellation Fee (Plant) (Per Cancellation, Per Technician)	\$ 249.94	Per Cancellation/Tech.
8. <u>CONCRETE TESTING (9.03)</u>			
	(Inclusive of Travel, Mileage, Delivery and Certified Report)(Does NOT Include Technician or Pick-Up).		
A. Cylinders - Cast and Tested by Laboratory.			
	Standard 6"x12" or 4"x 8" Cylinder. (Concrete Temperature Test and Slump Test) (Per ASTM C-31 "Section 7" Lab. Strength Tests per C-39 using C-617 or C-1231) (Max. 5 Cylinders Per Set).	\$ 126.12	Per Set
8A.1			
8A.2	Lightweight 3"x 6" Cylinder Includes Concrete Per ASTM C-495 (Max. 5 Cylinders Per Set).	\$ 126.12	Per Set
8A.3	Air Entrainment per ASTM C31(used Concurrently with Concrete Set Testing).	\$ 40.13	Per Set
8A.4	Cylinder Pick-Up.	\$ 66.49	Per Hour
B. Securing Structural or Pavement Cores per ASTM C-42(6"Max. Dia.) (3 Cores Min.)			
8B.1	8" Deep	\$ 143.31	Per Core
8B.2	14" Deep	\$ 171.97	Per Core
8B.3	12" Deep x 12" Diameter	\$ 343.95	Per Core
C. Cores Trim and Compression Test per ASTM C-42.		\$ 45.42	Per Test
D. Concrete Masonry Units per ASTM C-140 & C-551- Block/Brick per ASTM-140.			
8D. 1	Concrete Brick per ASTM C-551. (Min. 2 Bricks)		
	8D.1A Compression	\$ 51.59	Per Brick
	8D.1B Absorption	\$ 74.52	Per Brick

MIAMI-DADE COUNTY
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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
8D.1C	Dimension	\$ 51.59	Per Brick
8D.1D	Appearance	\$ 48.16	Per Brick
8D. 2	Block, Manhole	\$ 63.06	Per Test
8D. 3	Block, Concrete Compression per ASTM C-140 - Individual Units.	\$ 63.06	Per Test
8D. 4	Block, Concrete Absorption per ASTM C-140 Individual Units.	\$ 68.84	Per Test
8D. 5	Moisture Content of Concrete Block per ASTM C-140.	\$ 63.06	Per Block
8D. 6	Block Series, Dimensions, Compression, Absorption, Moisture Content and Unit Weight (Density) per ASTM C-140.	\$ 194.02	Per Block
8D. 7	Mortar Cubes 2"x 2"x 2" Compression Test per ASTM C-109 (Min. 3 per Test) (Cast by Others).	\$ 40.13	Per Cube
8D. 8	Masonry Prisms per ASTM C-1314 (Fabricated by Contractor) (Unfilled).	\$ 154.78	Per Prism
8D. 9	Sampling and Pick-Up (Casting Not Included).	\$ 72.23	Per Unit
8D.10	Concrete Block Unit Weight per ASTM C-140.	\$ 68.05	Per Block
8D.11	Grout Cube Compression Test per ASTM C-1014 (Cast by Others).	\$ 24.07	Per Cube
8D.12	Technician to Cast Mortar or Grout Cubes in Laboratory or On-Site (Incl. Slump & Temp. Tests) per ASTM C-1019	\$ 72.23	Per Hour
8D.13	On-Site Masonry Inspector per ACI-530.1 (Min. 4 Hrs.)	\$ 92.87	Per Hour
8D.14	Measure Grout Prisms per ASTM C-1019 (4 Prism per set)	\$ 154.78	
E. Concrete Beams			
8E.1	Tension Test per ASTM C-496 (Splitting Tension Test for Cylindrical Specimen, not Beams).	\$ 75.62	Per Test
8E.2	Flexural Test per ASTM C-78 (ASTM C-31, C-78) Cast per ASTM C-36, (2 Beams Required per Test).	\$ 137.58	Per Beam

MIAMI-DADE COUNTY
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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
F.	Air Content per ASTM C-173 or ASTM C-231.	\$ 40.13	Per Test
G.	Concrete Densities (Unit Weight) & Yield Test per ASTM C-138.	\$ 45.86	Per Test
H.	Design Mix per ACI-211 Standard Aggregate (Materials Furnished by Supplier) (Laboratory Sampling Included) (1 Trial Batch and 6 Cylinder Tests) (First of Any Series).	\$ 596.18	Per Mix
	(Additional Design Mixes in Series)	\$ 458.60	Per Mix
	8H.1 Design Mix Materials Testing.	\$ 83.70	
	8H.1a Gradation.	\$ 94.01	Per Test
	8H.1b Fine Aggregate Gravity and Absorption C-127.	\$ 104.34	Per Test
	8H.1c Coarse Aggregates Specific Gravity and Absorption C-128.	\$ 252.23	Per Test
	8H.1d LA Abrasion C-88.	\$ 92.87	Per Test
I.	On-Site Inspection per ACI-304 and ACI-311.5R (Per Site Visit as Approved by the Engineer) (4 Hrs. Min.)	\$ 92.87	Per Hour
J.	Concrete Plant Inspection per ACI-311.5 (Mix and Weight Verification) (4 Hrs. Min.)	\$ 92.87	Per Hour
K.	Windsor Probe Test per ASTM C-803 (Penetration Resistance to Determine Uniformity) with Equipment Charge (Windsor Gun) (Per Trip Per Location)	\$ 309.65	Per Trip
L.	ASTM C-803 (Set of 3 Probes per Test)	\$ 114.65	Per Test
M.	Concrete Rebound Hammer Test per ASTM C-805 (Use of Spring Driven Steel Hammer to Determine Uniformity of In-Place Concrete) (4 Hrs. Min.)	\$ 92.87	Per Hour
N.	Pullout per ASTM C-900 (Includes Pin Installation).	\$ 393.25	Per Test
O.	Thickness of Concrete per ASTM C-1383.	\$ 76.82	Per Hour

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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
P. Corrosion Activity per ASTM C-876		\$ 99.75	Per Hour
Q. Chloride Content.			
8Q.1 Per ASTM C-1152		\$ 143.31	Per Test
8Q.2 Per ASTM C-1218		\$ 149.10	Per Test
R. Pachometer (Magnumeter) Readings for Rebar Location, Approximate Size and Spacing (4 Hrs. Min.)		\$ 92.87	Per Hour
S. Los Angeles Abrasion per ASTM C-131 (Small Size Coarse Aggregate).		\$ 252.23	Per Test
T. Sieve Analysis per ASTM - 136.		\$ 83.70	Per Test
U. Absorption Fine Aggregate per ASTM C-128, Coarse Aggregate per ASTM C - 127.		\$ 83.70	Per Test
V. Specific Gravity Fine Aggregate per ASTM C-128, Coarse Aggregate per ASTM C- 127.		\$ 83.70	Per Test
W. Weight per Cubic Feet per ASTM C-29.		\$ 83.70	Per Test
9. <u>STEEL</u> (9.04)			
(Use - AWA, AMS, AWS, ASME, API, as Applicable			
A. Shop / Field Weld Inspection per ASTM D-5339 (4 Hrs. Min.)		\$ 92.87	Per Hour
B. AWS, AWA, ASME Welder Tests - Groove or Fillet			
Plate		\$ 246.49	Per Position
Pipe		\$ 246.94	Per Position
C. Reinforcing Steel Tensile Test		\$ 149.93	Per Test
D. Reinforcing Steel Deformation Test		\$ 55.04	Per Test
E. Reinforcing Bar Placement Inspection		\$ 92.87	Per Hour

MIAMI-DADE COUNTY
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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
F. Chemical Laboratory Test			
Welding Inspection and Dye Penetrant Weld Testing		\$ 92.87	Per Hour
G. Radiograph Weld Inspection (Min. 4 Tests)		\$ 160.51	Per Test
H. <u>Engineering Services</u>			
9H.1 Special Inspector for Threshold Buildings (State Certified) (4 Hrs. Min.)		\$ 137.58	Per Hour
9H.2 Special Inspector Designee (4 Hrs. Min.)		\$ 137.58	Per Hour
9H.3 Special Inspector under the Florida Building Code (4 Hrs. Min.)		\$ 137.58	Per Hour
<u>10. MECHANICAL (9.04)</u>			
A. Sound Surveys (Includes Travel Time)		\$ 112.36	Per Hour
B. Lighting Surveys (Includes Travel Time)		\$ 112.36	Per Hour
<u>11. FIRE PROOFING (9.04)</u>			
A. Inspection of Sprayed-On Fireproof Coating on Structural Steel.			
11A.1 4 Hours Minimum		\$ 92.87	Per Hour
11A.2 Laboratory Unit Weight Test of Fireproofing Coating per ASTM E-605		\$ 68.79	Per Test
11A.3 Field Adhesion / Cohesion Tests per ASTM E-736		\$ 145.46	Per Test
* If Additional Hours are Required Must Have Approval from Issuing Department			
<u>12. STRAIN MEASUREMENTS (SR4 INDICATOR) (9.04)</u>			
A. Technician Services to Install Gauges/Make Strain Reading (4 Hr. Min.)		\$ 92.87	Per Hour
<u>13. ULTRASONIC INSPECTIONS (9.04)</u>			

MIAMI-DADE COUNTY
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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
A. Services of an Ultrasonic Technician and Equipment (8 Hours Min.)		\$ 143.31	Per Hour
B. Assistant Technician (8 Hours Min.)		\$ 149.05	Per Hour
<u>14. STRUCTURAL STEEL (9.04)</u>			
A. Welding Inspector Per AWS Code (4 Hrs. Min.)		\$ 92.87	Per Hour
B. Structural Steel Shop or Field Inspector (4 Hrs. Min.)		\$ 92.87	Per Hour
C. Bolt Tightening Inspection by Using:			
14C.1 Torque Wrench		\$ 92.87	Per Hour
14C.2 Reg. Wrench		\$ 92.87	Per Hour
14C.3 Filler Gauge		\$ 92.87	Per Hour
D. Structural Steel Testing / Inspection (4 Hrs. Min.)		\$ 92.87	Per Hour
<u>15. WELDING (9.04)</u>			
A. AWS Certified Welding Inspector (4 Hrs. Min.) (Per Inspection)		\$ 92.87	Per Hour
B. AWS Certified Welding Inspector / 1 Hr. PADI Certified (Min. 2 Inspectors per Inspection.)		\$ 160.51	Per Hour
<u>16. MAGNETIC PARTICLE TESTING (MAGNAFLUX) (9.04)</u>			
A. Services of a Non- Destructive Technician		\$ 92.87	Per Hour
B. Magnaflux Testing		\$ 88.28	Per Test
<u>17. ROOFING (9.05)</u>			

MIAMI-DADE COUNTY
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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
(All Tests Performed Shall be in Accordance with Current Edition of the Florida Building Code at Time the Work is Issued, further, Laboratory Shall be part of the Current Listing of Certified Laboratories for Miami-Dade County Building Department.)			
Built-Up Roof Sample Analysis (Test Method for Moisture in Mineral Aggregate used for Built-Up Roofs) (ASTM D-1864)			
A.		\$ 60.76	Per Test
B.	ASTM 3617	\$ 346.24	Per Test
C.	Compression Test - Roof Tiles	\$ 66.49	Per Hour
D.	Absorption Test - Roof Tiles (Per Set of 5)	\$ 265.99	Per Set
E.	Up-lift Test of Roof Tiles (Per Set of 5)	\$ 321.02	Per Set
F.	Core Samples (per Architect / Engineer's Recommendations)	\$ 83.70	Per Sample
G.	Visual Inspections		
	Per Job Min.	\$ 814.02	Per Job Min.
	Per Square Foot	\$ 0.19	Per Sq. Ft.
H.	Infrared Moisture Survey (Mobilization of Equipment)		
	Per Job Min.	\$ 905.73	Per Job Min.
	Per Square Feet	\$ 0.30	Per Sq. Ft.
I.	Asbestos Testing	\$ 72.33	Per Sample
J.	Nuclear Moisture Testing		
	Per Job Min.	\$ 859.87	Per Job. Min
	Per Square Feet	\$ 0.24	Per Sq. Ft.
K.	Impedence Moisture Survey (Machine) (Max. 3 cores)		

MIAMI-DADE COUNTY
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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
Per Job Min.		\$ 905.73	Per Job. Min
Per Square Feet (Additional Sq. Ft. Survey)		\$ 0.30	Per Sq. Ft.
L. Bonded Pull Test		\$ 229.30	Per Test
M. Fastener Pull Test (First 10,000 Sq. Ft. Per Deck) (10 Tests)		\$ 905.73	Per Test
Per New Roof (Core Sample)		\$ 57.32	Per Test
Existing Roof (Core Sample)		\$ 68.79	Per Test
N. Bell Chamber Test (Max. 2 Tests / Any Additional Test \$300.00)		\$ 859.87	Per Test
O. Title Uplift Test (TAS 106)			
Per Square Feet (2,500 Sq. Ft.)		\$ 286.62	Per Sq. Ft.
Additional per Square		\$ 22.93	Per Sq. Ft.
N. Engineer's Report		\$ 136.78	Per Hour
<u>22. MAINTENANCE OF TRAFFIC</u> To be negotiated by User Department's Project Manager if Required due to the Location of the Work to be Performed. Laboratory shall present proof of man hours and equipment used to provide the "Maintenance of Traffic".			
<u>23. ENGINEERING SERVICES</u> A. C.A.D. Operator		\$ 83.28	Per Hour
B. Staff Engineer		\$ 100.72	Per Hour
C. Professional Engineer		\$ 136.82	Per Hour
D. Senior Engineer		\$ 160.62	Per Hour
E. Principal		\$ 166.56	Per Hour

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
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CONTRACT NO. E19-DTPW-06		<u>Unit Price</u>	<u>Unit</u>
F. Clerical / Administrative		\$ 53.54	Per Hour
G. Engineering Technician (Applies to all Sub-Categories)		\$ 74.95	Per Hour

Note: Fees paid to the laboratories for the work performed shall be in accordance to the negotiated fees as shown on this "Fee Schedule". Nevertheless, hours for the work performed can be negotiated by the user department.

GENERAL NOTES AND SPECIAL CONDITIONS

- 1- Assignment of work to laboratories from ALL Miami-Dade County user departments shall be by a written work order. Public Works Inspectors shall use the Assignment Form provided as proof that the laboratory was assigned for the specific location and type of service, this form must be attached to all invoices received from the laboratories upon submittal to the Finance Department for process and payment.
- 2- Should laboratory services be required which are not included in the "Fees Schedule", the fees for such services shall be negotiated by the user Department.
- 3- Stand-by time over thirty (30) minutes awaiting testing to be paid at \$63.00 per hour (technician and vehicle) and/or \$300.00 per hour (crew with truck and rig).
- 4- Miami-Dade County will pay the Laboratory for the first test (pass or fail) for Subdivision Work; monies for re-testing shall be the responsibility of the Developer. In order to deduct any re-testing work from the Developer, the Laboratory must send their invoice for such re-testing services to Miami-Dade County within forty-eight (48) hours of the re-testing. Invoices for re-testing work shall be sent for approval and payment to: Miami-Dade County, Public Works Department, Construction Division, 111 NW 1st Street, 14th Floor, Miami, Florida. 33128-1926. Attention: Carlos Baro, Chief Inspectors. The Laboratory will be notified in writing by the Miami-Dade County Inspector of all required re-tests. Miami-Dade County will only pay for re-test when authorized, in writing, by the Miami-Dade County Inspector or approved by the Chief Inspector.
- 5- All services are to be billed to the attention of the person and Department issuing the work order and shall be billed as either four (4) or eight (8) hour shifts. Questions related to billing / invoicing and / or payment shall only be addressed to the agency / person issuing the work order.
- 6- Cancellations occurring within four (4) Business hours before service is scheduled to occur will be paid at the appropriate minimum four (4) hour rate. (Inclusive of all charges associated with getting to the site.)
- 7- If the Contractor cancels the work with the Laboratory, the Laboratory shall be responsible for documenting the request for cancellation and attach written notice to the invoice.
- 8- Services to be performed requiring special access, restricted access, or special requirements involving security for Aviation, Seaport and MDT Facilities will be charged at a premium of 1.25 times the stated rates.
- 9- User shall send copies of invoices (ONLY) for work performed to the PWD designee responsible for the rotation process for this PSA, for verification of actual work assigned and to maintain records of payments to laboratories.
- 10- Any "overtime", if required, shall be upon written approval from the the issuing department and shall be defined as more than the eight (8) hour day (from 7 PM to 6 AM), weekends (Saturday and Sunday) and / or legal holidays and show the hourly rate. "Overtime" shall be paid as time and a half. Recognized legal holidays shall be paid according to the established written company policy, it shall be understood the Miami-Dade County reserves the right to request copy of said policy.
- 11- The Inspector General (I.G.) Fee [one quarter (1/4) of one percent (1%)] applies to this contract, this cost shall be deducted by Miami-Dade County from payments to the Laboratory. It shall be noted that for this PSA, the I.G. Fee is not applicable on work performed for the Aviation Department. If the source of payment is Federally funded, the I.G. Fee does not apply.
- 12- When specific tests are called for under any Standard (i.e. ASTM, ACl, AASHTO, AWWA, AWS, ASME, API, ETC.) It shall mean from the most current Industry Standard.
- 13- Price for Engineering Report (Results) is inclusive of Professional Engineer's Embossed State of Florida Seal. Should analysis from report be required for justification or Engineering Determination and/or Recommendation, additional labor charges may be justified, if pre-approved by the Issuing Department.

IMPORTANT NOTE TO ALL USER DEPARTMENTS: Miami-Dade County Departments making usage of this contract MUST send copies of PROPOSALS and INVOICES, as soon as received, to the person in charge of the laboratory's rotation process. This is in order to maintain the monies paid the laboratories and to be able to manage the contract capacity for this PSA.

Exhibit "A"

Consulting Firms Recommended for Award for Miscellaneous Professional Services Agreements for Soils Foundations and Geotechnical Testing Services - Project No: E19-DTPW-06; Contract No: 20190201

#	Firm	Principal	Address	Qualifier/Project Manager
1	Ardaman & Associates Inc.	Evelio Horta	2608 West 84 Street, Hialeah, Florida 33016	Evelio Horta
2	ATC Group Services LLC	Alexis Paniagua	9955 NW 116th Way, Suite 1 Miami Florida 33178	Ramzi Zaghoul
3	Blascom Engineering Inc.	Julio De Blas	9805 NW 80th Avenue, Suite 13-Q, Hialeah Gardens, Florida 33016	Julio De Blas
4	GCES Engineering Services LLC	Alejandro R. Montene	10860 NW 138th Street, Unit 104, Hialeah Gardens, Florida	Elias Manzur
5	Geosol Inc.	Oracio Riccobono	5795-A NW 151st Street Miami Lakes, Florida 33014	Oracio Riccobono
6	GFA International Inc.	Frederick G. Kaub	7260 NW 58th Street, Miami Florida 33166	Paul H. Danforth
7	H2R Corp.	David Rancman	3921 76th Avenue North, Pinellas Park Florida 33781	Stanley Delmas
8	HP Consultants Inc.	A. S. Kumbhojkar	10220 SW 107th Street, Miami Florida 33176	A. S. Kumbhojkar
9	HR Engineering Services Inc.	Hernando R. Ramos	7815 NW 72nd Avenue, Medley, Florida 331666	Liladhar Nirula
10	Maser Consulting P.A.	John Walton	8290 NW 64th Street, Miami, Florida 33166	Gregory Stevens
11	NADIC Engineering Services Inc	Dr. Godwin Nnadi	15291 NW 60th Avenue, #106, Miami Lakes, Florida 33014	Dr. Godwin Nnadi
12	NOVA Engineering & Environmental LLC	Jason Hill	4350 Oakes Road, #518, Fort Lauderdale, Florida 33314	Javier Jimenez
13	NUTTING Engineers of Florida Inc.	Richard Wohlfarth	2051 NW 112 Avenue, Suite 126, Miami Florida 33172	Stephen Mrachek
14	NV5 Inc. (KACO)	Eric Stern	14486 Commerce Way, Miami Lakes, Florida 33016	Garfield Wray
15	Professional Service Industries Inc.	Juan D. Villegas	7950 NW 64th Street, Miami, Florida 33166	Camilo Monroy
16	Radise International LC	Kumar A. Allady	10486 NW 31st Terrace, Doral, Florida 33172	Andrew Nixon
17	Terracon Consultants Inc.	Hugo E. Soto	16200 NW 59th Avenue, Suite106, Miami Lakes, Florida 33014	Hugo E. Soto
18	Tierra South Florida Inc.	Raj Krishnasamy	16250 NW 59th Avenue, Suite 207, Miami Lakes, Florida 33014	Raj Krishnasamy
19	Universal Engineering Sciences LLC	Peter G. Read	9960 NW 166th Way, Suite8, Miami, Florida 33178	Reinaldo Villa
20	Wingerter Laboratories Inc.	Jill W. Chin-You	1820 NE 144th Street, North Miami, Florida 33181	Luis Rodriguez
21	Wood Environment & Infrastructure Solution	Brian S. Hathaway	5845 NW 158th Street, Miami Lakes, Florida 33014	Alexander Rojas



MEMORANDUM

(Revised)

TO: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

DATE: April 20, 2021

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(N)(39)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Statement of social equity required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____ to approve
- ☒ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(N)(39)
4-20-21

RESOLUTION NO. R-339-21

RESOLUTION APPROVING A CONTRACT AWARD FOR PROFESSIONAL SERVICES AGREEMENTS IN AN AMOUNT ESTIMATED AT \$10,000,000.00 WITH 21 CONSULTING FIRMS TO PROVIDE SOILS, FOUNDATION AND GEOTECHNICAL TESTING SERVICES (PROJECT NO. E19-DTPW-06; CONTRACT NO. 20190201) AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE AGREEMENTS AND EXERCISE TERMINATION PROVISIONS CONTAINED THEREIN AND AUTHORIZING THE USE OF VARIOUS FUNDING SOURCES INCLUDING CHARTER COUNTY TRANSPORTATION SURTAX FUNDS FOR THOSE PROJECTS IDENTIFIED IN THE ORIGINAL EXHIBIT 1 OF THE PEOPLE'S TRANSPORTATION PLAN AND PROJECTS IDENTIFIED IN THE FIVE-YEAR IMPLEMENTATION PLAN OF THE PEOPLE'S TRANSPORTATION PLAN ADOPTED ON JANUARY 22, 2020 AND BUILDING BETTER COMMUNITIES GENERAL OBLIGATION BOND FUNDS

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

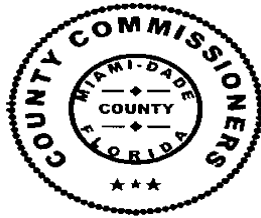
NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board approves the Contract Award to the following firms:, 1- Ardaman & Associates Inc., 2- ATC Group Services LLC, 3- Blascom Engineering Inc., 4- GCES Engineering Services LLC, 5- Geosol Inc., 6- GFA International Inc., 7- H2R Corp., 8- HP Consultants Inc., 9- HR Engineering Services Inc., 10- Maser Consulting P.A., 11- NADIC Engineering Services Inc., 12- NOVA Engineering & Environmental LLC, 13- NUTTING Engineering of Florida Inc., 14- NV5 Inc. (KACO), 15- Professional Services Industry Inc., 16- Radise International LC, 17- Terracon Consultants Inc., 18- Tierra South Florida Inc., 19- Universal Engineering Sciences LLC, 20-Wingerter

Laboratories Inc., 21- Wood Environment & Infrastructure Solution, as listed in Exhibit “A” attached hereto and incorporated herein by reference, located within various Commission Districts (Project No. E19-DTPW-06; Contract No. 20190201) in substantially the form attached hereto and made a part hereof; and authorizes the Mayor or Mayor’s Designee to execute the agreements and exercise termination provision contained therein and authorizes the use of various funding sources including Charter County Transportation Surtax and Building Better Communities General Obligation Bond Funds for such purposes.

The foregoing resolution was offered by Commissioner **Rebeca Sosa** , who moved its adoption. The motion was seconded by Commissioner **Eileen Higgins** and upon being put to a vote, the vote was as follows:

	Jose “Pepe” Diaz, Chairman	aye	
	Oliver G. Gilbert, III, Vice-Chairman	aye	
Sen. René García	aye	Keon Hardemon	aye
Sally A. Heyman	aye	Danielle Cohen Higgins	aye
Eileen Higgins	aye	Joe A. Martinez	aye
Kionne L. McGhee	aye	Jean Monestime	aye
Raquel A. Regalado	aye	Rebeca Sosa	aye
Sen. Javier D. Souto	aye		

The Chairperson thereupon declared this resolution duly passed and adopted this 20th day of April, 2021. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: Melissa Adames
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

A handwritten signature in dark ink, appearing to read "B. Libhaber", is written over a horizontal line.

Bruce Libhaber



Memorandum



To: Honorable Chairman Jose “Pepe” Diaz
and Members, Board of County Commissioners

From: Javier A. Betancourt, Executive Director 

Date: March 26, 2021

Re: **CITT AGENDA ITEM 7B:**
RESOLUTION BY THE CITIZENS’ INDEPENDENT TRANSPORTATION TRUST
RECOMMENDING THE BOARD OF COUNTY COMMISSIONERS (BCC) APPROVE A
CONTRACT AWARD FOR PROFESSIONAL SERVICES AGREEMENTS IN AN
AMOUNT ESTIMATED AT **\$10,000,000.00** WITH 21 CONSULTING FIRMS TO
PROVIDE SOILS, FOUNDATION AND GEOTECHNICAL TESTING SERVICES
(PROJECT NO. E19-DTPW-06; CONTRACT NO. 20190201) AND AUTHORIZE THE
USE OF VARIOUS FUNDING SOURCES INCLUDING CHARTER COUNTY
TRANSPORTATION SURTAX, IN AN AMOUNT NOT TO EXCEED **\$3,000,000.00**, FOR
THOSE PROJECTS IDENTIFIED IN THE ORIGINAL EXHIBIT 1 OF THE PEOPLE’S
TRANSPORTATION PLAN AND PROJECTS IDENTIFIED IN THE FIVE-YEAR
IMPLEMENTATION PLAN OF THE PEOPLE’S TRANSPORTATION PLAN ADOPTED
ON JANUARY 22, 2020 AND BUILDING BETTER COMMUNITIES GENERAL
OBLIGATION BOND FUNDS (**DTPW – BCC LEGISLATIVE FILE NO. 210342**) **SURTAX
FUNDS ARE REQUESTED**

On March 25, 2021, the CITT voted (9-0) to forward a favorable recommendation to the Board of County Commissioners (BCC) for the approval of the above referenced item, CITT Resolution No. 21-016. The vote was as follows:

Joseph Curbelo, Chairperson – Aye
Oscar J. Braynon, 1st Vice-Chairperson – Aye
Alfred J. Holzman, 2nd Vice-Chairperson – Aye

Peggy Bell – Aye
Glenn J. Downing, CFP® – Aye
Jonathan Martinez – Absent
Marilyn Smith – Aye
Robert Wolfarth – Aye

Meg Daly – Aye
Ashley V. Gantt, Esq. – Absent
Paul Schwiep, Esq. – Aye
L. Elijah Stiers, Esq. – Absent

c: Jimmy Morales, Chief Operations Officer
Bruce Libhaber, Assistant County Attorney