



Rizzetta & Company

# **Wiregrass II Community Development District**

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**Board of Supervisors Meeting  
September 22, 2022**

**District Office:  
5844 Old Pasco Road, Suite 100  
Wesley Chapel, FL 33544  
813.994.1001**

**[www.wiregrassllcdd.org](http://www.wiregrassllcdd.org)**

## **WIREFRASS II COMMUNITY DEVELOPMENT DISTRICT**

Rizzetta & Company, Inc., 5844 Old Pasco Road, Suite 100, Wesley Chapel, FL 33544

<b>Board of Supervisors</b>	Bill Porter Colby Chandler Hatcher Porter Caitlyn Chandler Quinn Porter	Chair Vice Chair Assistant Secretary Assistant Secretary Assistant Secretary
<b>District Manager</b>	Lynn Hayes	Rizzetta & Company, Inc.
<b>District Counsel</b>	Lindsay Whelan	Kutak Rock LLP
<b>Interim Engineer</b>	Victor Barbosa	Atwell, LLC

**All cellular phones must be placed on mute while in the meeting room.**

The Audience Comment portion of the agenda is where individuals may make comments on matters that concern the District. Individuals are limited to a total of three (3) minutes to make comments during this time.

Pursuant to provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this meeting/hearing/workshop is asked to advise the District Office at least forty-eight (48) hours before the meeting/hearing/workshop by contacting the District Manager at (813) 994-1001. If you are hearing or speech impaired, please contact the Florida Relay Service by dialing 7-1-1, or 1-800-955-8771 (TTY) 1-800-955-8770 (Voice), who can aid you in contacting the District Office.

A person who decides to appeal any decision made at the meeting/hearing/workshop with respect to any matter considered at the meeting/hearing/workshop is advised that person will need a record of the proceedings and that accordingly, the person may need to ensure that a verbatim record of the proceedings is made including the testimony and evidence upon which the appeal is to be based.

September 14, 2022

**Board of Supervisors  
Wiregrass II Community  
Development District**

**REVISED AGENDA**

Dear Board Members:

The regular meeting of the Board of Supervisors of the Wiregrass II Community Development District will be held on **Thursday, September 22, 2022, at 10:30 a.m.**, at the offices of Rizzetta & Company located at 5844 Old Pasco Road, Suite 100, Wesley Chapel, FL 33544 The following is the tentative agenda for this meeting:

**Board of Supervisors Meeting:**

- 1. CALL TO ORDER/ROLL CALL**
- 2. AUDIENCE COMMENTS**
- 3. BUSINESS ADMINISTRATION**
  - A. Consideration of Minutes of the Board of Supervisors Meeting held on July 28, 2022 .....Tab 1
  - B. Consideration of Operations and Maintenance Expenditures for July, 2022 .....Tab 2
- 4. BUSINESS ITEMS**
  - A. Consideration of Disclosure of Public Financing for Assessment Area 2 (Series 2022 Bonds) .....Tab 3
  - B. Consideration of Resolution 2022-11; Authorizing Chancey Phase 3 RFP .....Tab 4
  - C. Consideration of Project Management Agreement For Chancey Phase 3 .....Tab 5
  - D. Ratification of the Egis Insurance Proposal .....Tab 6
  - E. Ratification of the Street/Outdoor Lighting Agreement .....Tab 7
  - F. Consideration of Qualifications Received for Geotechnical, Soil, and Related Services.....Tab 8
    1. AREHNA Engineering, Inc.
    2. GHD Services, Inc.
    3. RFQ Ranking Sheet
  - G. Consideration of Resolution 2022-12; Authorizing RFP for Wiregrass Ranch Boulevard Phase 3B & 4 Landscape and Irrigation .....Tab 9

- 5. **STAFF REPORTS**
  - A. District Counsel .....Tab 10
    - 1. Instructions Relating To Landowners' Meeting  
For Election of Supervisor 2022-11-01
  - B. District Engineer
  - C. District Manager Report .....Tab 11
- 6. **AUDIENCE COMMENTS ON OTHER ITEMS**
- 7. **ADJOURNMENT**

I look forward to seeing you at the meeting. In the meantime, if you have any questions, please do not hesitate to call me at (813) 994-1001.

Very truly yours,

*Lynn Hayes*  
District Manager

# Tab 1

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**MINUTES OF MEETING**

Each person who decides to appeal any decision made by the Board with respect to any matter considered at the meeting is advised that the person may need to ensure that a verbatim record of the proceedings is made, including the testimony and evidence upon which such appeal is to be based.

**WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT**

The regular meeting of the Wiregrass II Community Development District was held on **Thursday, July 28, 2022, at 10:30 a.m.** at the offices of Rizzetta & Company Inc., located at 5844 Old Pasco Road, Suite 100, Wesley Chapel, FL 33544.

Present were:

Bill Porter	<b>Board Supervisor, Chair</b>
Hatcher Porter	<b>Board Supervisor, Assistant Secretary</b>
Caitlin Chandler	<b>Board Supervisor, Assistant Secretary</b>

Also Present were:

Lynn Hayes	<b>District Manager, Rizzetta &amp; Co., Inc.</b>
Scott Sheridan	<b>Developer, Locust Branch</b>
Victor Barbosa	<b>District Engineer, Atwell Engineering</b> (joined meeting via conf call at 10:31 a.m.)
Lindsay Whelan	<b>District Counsel, Kutak Rock LLP</b> ( <i>via conf. call</i> )
Patty Sweeney	<b>Administrative Assistant, Rizzetta &amp; Co., Inc.</b>

**FIRST ORDER OF BUSINESS**

**Call to Order / Roll Call**

Mr. Hayes confirmed there was a quorum present and called the meeting to order.

**SECOND ORDER OF BUSINESS**

**Audience Comments**

No members of general audience in attendance.

**THIRD ORDER OF BUSINESS**

**Consideration of Minutes of the Board  
of Supervisors Meeting held on May  
26, 2022**

Mr. Hayes presented the minutes and inquired if there were any amendments necessary. There were none.

On a Motion by Mr. Bill Porter, seconded by Ms. Caitlin Chandler, with all in favor, the Board of Supervisors approved the Regular Meeting Minutes from June 14, 2022, for the Wiregrass II Community Development District.
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**FOURTH ORDER OF BUSINESS**

**Consideration of the Continuance  
Minutes of the Board of Supervisors  
Meeting held on June 14, 2022**

On a Motion by Ms. Caitlin Chandler, seconded by Mr. Hatcher Porter, with all in favor, the Board of Supervisors approved the Continuance Meeting Minutes from June 14, 2022, for the Wiregrass II Community Development District.

**FIFTH ORDER OF BUSINESS**

**Consideration of Operation and  
Maintenance Expenditures for June  
2022**

Mr. Hayes presented the Operation and Maintenance Expenditures for May and June 2022.

On a Motion by Ms. Caitlin Chandler, seconded by Mr. Hatcher Porter, with all in favor, the Board of Supervisors ratified the payment of Operation & Maintenance Expenditures for May 2022 (\$23,093.07) and June 2022 (\$20,588.53), for the Wiregrass II Community Development District.

**SIXTH ORDER OF BUSINESS**

**Public Hearing on Adopting Fiscal  
Year 2022/2023 Budget**

Mr. Hayes asked the Board for a Motion to Open the Public Hearing on Adopting Fiscal Year 2022/2023 Budget.

On a Motion by Mr. Hatcher Porter, seconded by Ms. Caitlin Chandler, with all in favor, the Board of Supervisor opened the Public Hearing on Adopting the Fiscal Year 2022/2023 Budget, for the Wiregrass II Community Development District.

On a Motion by Mr. Bill Porter, seconded by Caitlin Chandler, with all in favor, the Board of Supervisor closed the Public Hearing on Adopting the Fiscal Year 2022/2023 Budget, for the Wiregrass II Community Development District.

**SEVENTH ORDER OF BUSINESS**

**Adopting Fiscal Year 2022/2023  
Budget**

Mr. Hayes presented Resolution 2022-07, Adopting the Fiscal Year 2022/2023 Budget to the Board of Supervisors. He indicated the General Fund is \$202,930.00 and the Irrigation Reserve Fund is \$242,572.00 and the Series 2020 Debt Service is \$595,817.91 and the Debt Fund Series 2022 is \$755,492.50 for a total of all funds of \$1,796,812.41.

On a Motion by Mr. Bill Porter, seconded by Mr. Hatcher Porter, with all in favor, the Board of Supervisors adopted Resolution 2022-08, Adopting the Fiscal Year 2022/2023 Budget, for the Wiregrass II Community Development District.

**EIGHTH ORDER OF BUSINESS**

**Consideration of Developer FY  
2022/2023 Funding Agreement**

On a Motion by Mr. Hatcher Porter, seconded by Ms. Caitlin Chandler, with all in favor, the Board of Supervisors approved the Fiscal Year 2022/2023 Developer Funding Agreement between Wiregrass II CDD and Taylor Morrison of Florida Inc., for the Wiregrass II Community Development District.

**NINTH ORDER OF BUSINESS**

**Public Hearing on Imposing Special  
Assessments and Certifying the  
Assessment Roll for Fiscal Year  
2022/2023**

Mr. Hayes asked the Board for a Motion to Open the Public Hearing on Adopting Levy of Assessments for Fiscal Year 2022/2023.

On a Motion by Ms. Caitlin Chandler, seconded by Mr. Hatcher Porter, with all in favor, the Board of Supervisors opened the Public Hearing on Adopting Levy of Assessments for Fiscal Year 2022/2023, for the Wiregrass II Community Development District.

On a Motion by Mr. Bill Porter, seconded by Mr. Hatcher Porter, with all in favor, the Board of Supervisors closed the Public Hearing on Adopting Levy of Assessments for Fiscal Year 2022/2023, for the Wiregrass II Community Development District.

**TENTH ORDER OF BUSINESS**

**Consideration of Resolution 2022-08,  
Imposing Special Assessments and  
Certifying an Assessment Roll**

Mr. Hayes presented Resolution 2022-08, Imposing Special Assessments and Certifying an Assessment Roll for Fiscal Year 2022/2023 to the Board of Supervisors.

On a Motion by Mr. Bill Porter, seconded by Ms. Caitlin Chandler, with all in favor, the Board of Supervisors adopted Resolution 2022-09, Imposing Special Assessments and Certifying an Assessment Roll for Fiscal Year 2022/2023, for Wiregrass II Community Development District.

**ELEVENTH ORDER OF BUSINESS**

**Consideration of Resolution 2022-09,  
Adopting the Fiscal Year 2022/2023  
Meeting Schedule**

Mr. Hayes presented the Fiscal Year 2022/2023 Meeting Schedule to the board for their consideration. He mentioned that the Board currently meets on the 4<sup>th</sup> Thursday each month at 10:30 a.m. He checked the dates and noted one of the meetings is on November 24<sup>th</sup>. He asked the Board if they wanted to change the meeting date and they indicated to leave the schedule as presented.



On a Motion by Mr. Hatcher Porter, seconded by Mr. Bill Porter, with all in favor, the Board of Supervisors adopted Resolution 2022-09, Adopting the Fiscal Year 2022/2023 Meeting Schedule, for the Wiregrass II Community Development District.

**TWELFTH ORDER OF BUSINESS**

**Consideration of Third Addendum  
Contract for Professional District  
Services**

The Board discussed the Third Addendum to the Contract for District Management Services. Mr. Lynn Hayes explained there was an increase of \$2,656 or 5% due to an increase in the insurance costs.

On a Motion by Ms. Caitlin Chandler, seconded by Mr. Bill Porter, with all in favor, the Board of Supervisors approved the Rizzetta Third Addendum for District Professional Services, for the Wiregrass II Community Development District.

**THIRTEENTH ORDER OF BUSINESS**

**Consideration of Work Authorization  
for Bidding Phase Services for  
Chancey Road Phase 3**

On a Motion by Mr. Bill Porter, seconded by Ms. Caitlin Chandler, with all in favor, the Board of Supervisors approved the Work Authorization for Bidding Phase Services for Chancey Road Phase 3 Collector Road Project, for the Wiregrass II Community Development District.

**FOURTEENTH ORDER OF BUSINESS**

**Consideration of Resolution 2022-10,  
Ratifying the Issuance of Series 2022  
Bonds**

On a Motion by Mr. Hatcher Porter, seconded by Ms. Caitlin Chandler, with all in favor, the Board of Supervisors adopted Resolution 2022-10, Ratifying the Issuance of Series 2022 Bonds, for the Wiregrass II Community Development District.

**FIFTEENTH ORDER OF BUSINESS**

**Staff Reports**

**A.** District Counsel  
No report.

**B.** District Engineer  
No report.

**C.** District Manager Report

Mr. Hayes presented his report to the Board and announced that the next regularly scheduled meeting is August 25, 2022, at 10:30 a.m. at the offices of Rizzetta & Company Inc. located at 5844 Old Pasco Road, Wesley Chapel, FL 33544. He asked the Board if they would like to cancel that meeting and the Board agreed.

On a Motion by Mr. Bill Porter, seconded by Ms. Caitlin Chandler, with all in favor, the Board of Supervisors approved cancelling the August 25, 2022, CDD Board of Supervisors meeting, for the Wiregrass II Community Development District.

**SIXTEENTH ORDER OF BUSINESS**

**Supervisor Requests**

None.

**SEVENTEENTH ORDER OF BUSINESS**

**Adjournment**

On a Motion by Mr. Hatcher Porter, seconded by Ms. Caitlin Chandler, the Board of Supervisors adjourned the meeting at 10:47 a.m.

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Secretary/ Assistant Secretary

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Chair/Vice Chair

## **Tab 2**

# Wiregrass II Community Development District

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DISTRICT OFFICE · WESLEY CHAPEL, FLORIDA 33544 · (813)-994-1001  
Mailing Address - 3434 Colwell Avenue, Suite 200, Tampa, Florida 33614  
[wiregrasscddii.org](http://wiregrasscddii.org)

## Operations and Maintenance Expenditures July 2022 For Board Approval

Attached please find the check register listing the Operation and Maintenance expenditures paid from July 1, 2022 through July 31, 2022. This does not include expenditures previously approved by the Board.

The total items being presented: **\$18,389.72**

Approval of Expenditures:

\_\_\_\_\_

\_\_\_\_\_ Chairperson

\_\_\_\_\_ Vice Chairperson

\_\_\_\_\_ Assistant Secretary

## Wiregrass II Community Development District

### Paid Operation & Maintenance Expenditures

July 1, 2022 Through July 31, 2022

<u>Vendor Name</u>	<u>Check Number</u>	<u>Invoice Number</u>	<u>Invoice Description</u>	<u>Invoice Amount</u>
Atwell, LLC	001165	0278565	Engineering Services 06/22	\$ 434.25
Kutak Rock LLP	001166	3077790	Legal Services 06/22	\$ 3,550.50
Rizzetta & Company, Inc.	001162	INV0000069344	District Management Fees 07/22	\$ 4,048.25
Times Publishing Company	001163	0000231228 06/22/22	Legal Advertising Account #200049 06/22	\$ 1,632.00
W.R.E.C.	ACH20220705	2167077 06/22	Area Lighting 06/22	\$ 628.82
Wiregrass irrigation, LLC	001164	021	Irrigation Fees 06/22	<u>\$ 8,095.90</u>
<b>Report Total</b>				<b><u><u>\$ 18,389.72</u></u></b>

## **Tab 3**

Upon recording, this instrument should be returned to:

(This space reserved for Clerk)

Wiregrass II Community  
Development District  
c/o Rizzetta & Company, Inc.  
3434 Colwell Avenue, Suite 200  
Tampa, Florida 33614

**DISCLOSURE OF PUBLIC FINANCING AND MAINTENANCE  
OF IMPROVEMENTS TO REAL PROPERTY UNDERTAKEN BY  
THE WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT**

**Board of Supervisors<sup>1</sup>**

**Wiregrass II Community Development District**

Bill Porter  
Chairman

Caitlin Chandler  
Assistant Secretary

Colby Chandler  
Vice Chairman

Hatcher Porter  
Assistant Secretary

Quinn Porter  
Assistant Secretary

Rizzetta & Company, Inc.  
3434 Colwell Avenue, Suite 200  
Tampa, Florida 33614

District records are on file at the offices of Rizzetta & Company, Inc., and are available for public inspection upon request during normal business hours.

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<sup>1</sup> This list reflects the composition of the Board of Supervisors as of September 1, 2022. For a current list of Board Members, please contact the District Manager's office.

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## **WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT**

### **INTRODUCTION**

The Wiregrass II Community Development District (“District”) is a local unit of special-purpose government created pursuant to and existing under the provisions of Chapter 190, *Florida Statutes*. Under Florida law, community development districts are required to take affirmative steps to provide for the full disclosure of information relating to the public financing and maintenance of improvements to real property undertaken by such districts. Unlike city and county governments, the District has only certain limited powers and responsibilities. These powers and responsibilities include, for example, construction and/or acquisition of stormwater management systems, roadway improvements, water, reclaimed water and sewer utilities improvements, streetlighting and undergrounding improvements, parks and recreation facilities, and landscaping, irrigation and monumentation improvements.

## **DISCLOSURE OF PUBLIC FINANCING AND MAINTENANCE OF IMPROVEMENTS TO REAL PROPERTY UNDERTAKEN BY THE WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT**

Under Florida law, community development districts are required to take affirmative steps to provide for the full disclosure of information relating to the public financing and maintenance of improvements to real property undertaken by such districts. The law specifically provides that this information shall be made available to all persons currently residing within the District and to all prospective District residents. The following information describing the Wiregrass II Community Development District and the assessments, fees and charges that may be levied within the District to pay for certain community infrastructure is provided to fulfill this statutory requirement.

### **What is the District and how is it governed?**

The District is an independent special taxing district, created pursuant to and existing under the provisions of Chapter 190, *Florida Statutes* (the “Act”), and established by Ordinance 19-03 enacted by the Board of County Commissioners of Pasco County, Florida, effective as of January 25, 2019. The District encompasses approximately 515.2 acres located entirely within the boundaries of unincorporated Pasco County, Florida. As a local unit of special-purpose government, the District provides an alternative means for planning, financing, constructing, operating and maintaining various public improvements and community facilities within its jurisdiction.

The District is governed by a five-member Board of Supervisors (the “Board”), the members of which must be residents of the State and citizens of the United States. Board members were elected on an at-large basis by the owners of property within the District, each landowner being entitled to one vote for each acre of land with fractions thereof rounded upward to the nearest whole number. Elections are then held every two years in November. Commencing when both (i) six years after the initial appointment of Supervisors have passed and (ii) the District has attained a minimum of two hundred and fifty (250) qualified electors, Supervisors whose terms are expiring will begin to be elected by qualified electors of the District. A “qualified elector” in this instance is any person at least eighteen (18) years of age who is a citizen of the United States, a legal resident of Florida and of the District, and who is also registered with the Supervisor of Elections to vote in Pasco County. Notwithstanding the foregoing, if at any time the Board proposes to exercise its ad valorem taxing power, it shall, prior to the exercise of such power, call an election at which all members of the Board shall be elected by qualified electors of the District.

Board meetings are noticed in a local newspaper and conducted in a public forum in which public participation is permitted. Consistent with Florida’s public records laws, the records of the District are available for public inspection during normal business hours. Elected members of the Board are similarly bound by the State’s open meetings law and are generally subject to the same disclosure requirements as other elected officials under the State’s ethics laws.

**What infrastructure improvements does the District provide  
and how are the improvements paid for?**

The District is comprised of approximately 515.2 acres located entirely within unincorporated Pasco County, Florida. The District is part of a larger, master planned community development known as Wiregrass Ranch. The legal description of the lands encompassed within “Assessment Area 2” is attached hereto as **Exhibit A**.

The public infrastructure necessary to support the District’s development program includes, but is not limited to: roadways and paving, undergrounding of street lighting electrical systems, water and wastewater and systems, stormwater and drainage systems and related earthwork, environmental conservation and mitigation services, reclaimed water systems, and landscaping and irrigation improvements. These infrastructure improvements are more fully detailed below.

To plan the infrastructure improvements necessary for Assessment Area 2, the District adopted a *Master Engineer’s Report* dated June 2020, as supplemented by the *Supplemental Engineer’s Report*, dated April 2022 (collectively, the “Engineer’s Report”), which details all of the improvements contemplated for the completion of the infrastructure therein (the “Capital Improvement Plan”). Copies of the Engineer’s Report are available for review in the District’s public records.

These public infrastructure improvements have been or are anticipated to be funded by the District’s sale of bonds. On October 1, 2020, the Circuit Court of the State of Florida, in and for Pasco County, Florida, entered a Final Judgment validating the District’s ability to issue an aggregate principal amount not to exceed \$42,915,000 in Capital Improvement Revenue Bonds for the funding of the Capital Improvement Plan.

On June 16, 2022, the District issued a series of special assessment bonds for the purposes of financing a portion of the costs of the construction and acquisition of the Capital Improvement Plan. On that date, the District issued its \$11,460,000 Wiregrass II Community Development District Capital Improvement Revenue Bonds, Series 2022 (Assessment Area Two) (the “Series 2022 Bonds”).

A general description of the improvements described in the Capital Improvement Plan and planned to be financed by the Series 2022 Bonds is set forth below. The Capital Improvement Plan and the below description are subject to change, so please contact the District’s office for the most current description of the improvements and the status of the improvements.

**Roadway Improvements**

The District has or intends to provide funding for the construction and/or acquisition of Wiregrass Ranch Boulevard Phases 3B and 4A-4D and Chancey Road Phases 3 and 4 (hereinafter the “Roadways”). The Roadways will be public roads that will provide traffic circulation through the development. Roadway construction includes earthwork, paving, curbs, sidewalks, and necessary striping and signage. Pasco County will ultimately own, operate, and maintain the

Roadways. The land underlying the Roadways may be acquired by the District using any legally available funds.

### **Water Distribution System**

The District has or intends to provide funding for the construction and/or acquisition of the water distribution system adjacent to the Roadways. Pasco County will ultimately own, operate, and maintain the water distribution infrastructure and will provide potable water service.

### **Wastewater Collection System**

The District has or intends to provide funding for the construction and/or acquisition of the wastewater collection system adjacent to the Roadways. Pasco County will ultimately own, operate, and maintain the wastewater collection infrastructure and will provide wastewater treatment service.

### **Stormwater Management System**

The District has or intends to provide funding for the construction and/or acquisition of stormwater management facilities adjacent to the Roadways, consisting of stormwater collection and outfall systems, including curb inlets, pipes and culverts, control structures, on-site preserve and wetland areas, open channel, and/or open waterways and ponds.

Pasco County and the Southwest Florida Water Management District (“SWFWMD”) regulate the design criteria for the stormwater management system within the District. The pre-development site runoff and water management conditions have been developed by the Pasco County and SWFWMD. The existing, onsite and naturally occurring wetlands have been delineated by SWFWMD. Pasco County will ultimately own, operate and maintain the stormwater management and drainage improvements. The land underlying the stormwater management ponds may be purchased by the District using any legally available funds.

### **Underground and Street Lighting Electrical System**

The District has or intends to provide funding for the undergrounding of the street lighting electrical system improvements adjacent to the Roadways. While the District is required to pay for the placement of electrical distribution main lines underground along the roadway, the Withlacoochee River Electric Cooperative (WREC) will own any related lines or transformers.

The District may lease streetlights from WREC. While any required bonding requirements are included within the Capital Improvement Plan, the District would fund the cost of any such lease through annual operations and maintenance assessments.

## **Reclaimed Water**

The District has or intends to provide funding for the construction and/or acquisition of reclaimed water main extensions in the Roadway rights-of-way to provide connections to the Pasco County reclaimed water system. Pasco County will ultimately own, operate, and maintain the reclaimed water system infrastructure and will provide reclaimed water service.

## **Landscaping and Irrigation Improvements**

The District has or intends to provide funding for the construction and/or acquisition of landscaping and irrigation systems and improvements adjacent to the Roadways. Pasco County will ultimately own, operate and maintain the landscaping and irrigation improvements.

## **Environmental Conservation and Mitigation**

The District has or intends to provide funding for the costs associated with the construction and/or acquisition of wetland mitigation. The District additionally has or intends to provide funding for the costs associated with mitigation bank credits. There are approximately 6.74 units of permanent forested and herbaceous wetland impacts associated with the Capital Improvement Plan. Pursuant to applicable Southwest Florida Water Management District and U.S. Army Corps of Engineer approvals, development of the Capital Improvement Plan will require purchase of approximately 4.84 units of wetland mitigation bank credits. The Series 2022 Bonds are anticipated to be utilized to fund approximately fifty (50%) percent of such costs.

## **Assessments, Fees and Charges**

A portion of the cost of acquisition or construction of these infrastructure improvements have been financed by the District through the sale of the Series 2022 Bonds. The annual debt service payments, including interest due thereon, are payable solely from and secured by the levy of non-ad valorem or special assessments against lands within the Assessment Area 2 which lands benefit from the construction, acquisition, establishment and operation of the infrastructure improvements included within the Capital Improvement Plan. The annual debt service obligations of the District that must be defrayed by annual assessments upon each parcel of land or platted lot will depend upon the type of property purchased. Provided below are the annual debt service assessment levels for property within the District for the Series 2022 Bonds (the “Series 2022 Debt Service Assessments”). Interested persons are encouraged to contact the District Manager for information regarding special assessments on a particular lot or parcel of lands. A copy of the District’s assessment methodology and assessment roll are available for review at the District’s offices.

The annual Series 2022 Debt Service Assessments per product type are as follows:

<b>Product Type</b>	<b>Series 2022 Bonds Annual Assessment Per Unit</b>
SF 45'	\$1,422.00
SF 52'	\$1,643.20
SF 62'	\$1,959.20
SF 76'	\$2,401.60

Note: The annual assessments level amounts have been grossed up to include collection costs from Pasco County and a maximum discount for early payment as authorized by law.

The Series 2022 Debt Service Assessments described above exclude any operations and maintenance assessments (“O&M Assessments”) that may be determined and calculated annually by the District’s Board of Supervisors and are levied against benefitted lands in the District. A detailed description of all costs and allocations that result in the formulation of assessments, fees, and charges is available for public inspection upon request.

The Capital Improvement Plan and financing plan of the infrastructure as presented herein reflect the District’s current intentions, and the District expressly reserves the right in its sole discretion to change those plans at any time. Additionally, the District may undertake the construction, reconstruction, acquisition, or installation of future improvements and facilities, which may be financed by bonds, notes, or other methods authorized by Chapter 190, *Florida Statutes*.

**Method of Collection**

The District’s Series 2022 Debt Service Assessments and/or O&M Assessments may appear on that portion of the annual real estate tax notice entitled “non-ad valorem assessments,” and to the extent that it is, will be collected by the Pasco County Tax Collector in the same manner as county ad valorem taxes. Each property owner must pay both ad valorem and non-ad valorem assessments at the same time. Property owners will, however, be entitled to the same discounts as provided for ad valorem taxes. As with any tax notice, if all taxes and assessments due are not paid within the prescribed time limit, the tax collector is required to sell tax certificates which, if not timely redeemed, may result in the loss of title to the property. The District may also elect to collect the assessment directly.

This description of the District’s operation, services and financing structure is intended to provide assistance to landowners and purchasers concerning the important role that the District plays in providing infrastructure improvements essential to the use and development of this community. If you have any questions or would simply like additional information about the District, please write to the District Manager at: Wiregrass II Community Development District, c/o Rizzetta & Company, Inc., 3434 Colwell Avenue, Suite 200, Tampa, Florida 33614.

The information provided herein is a good faith effort to accurately and fully disclose information regarding the public financing and maintenance of improvements to real property undertaken by the District and should only be relied upon as such. The information contained herein is, and can only be, a status summary of the District’s public financing and maintenance activities and is subject to supplementation and clarification from the actual documents and other

sources from which this information is derived. In addition, the information contained herein may be subject to change over time, in the due course of the District's activities and in accordance with Florida law. Prospective and current residents and other members of the public should seek confirmation and/or additional information from the District Manager's office with regard to any questions or points of interest raised by the information presented herein.

**IN WITNESS WHEREOF**, this Disclosure of Public Financing and Maintenance of Improvements to Real Property Undertaken has been executed as of the \_\_\_\_\_ day of \_\_\_\_\_ 2022, and recorded in the Official Records of Pasco County, Florida.

**WIREGRASS II COMMUNITY  
DEVELOPMENT DISTRICT**

\_\_\_\_\_  
By: Bill Porter, Chairman

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Name

**STATE OF FLORIDA**  
**COUNTY OF \_\_\_\_\_**

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization this \_\_\_\_\_ day of \_\_\_\_\_ 2022, by Bill Porter, Chairman of the Wiregrass II Community Development District, who is personally known to me or who has produced \_\_\_\_\_ as identification

\_\_\_\_\_  
Notary Public, State of Florida

Print Name: \_\_\_\_\_

Commission No.: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_



## EXHIBIT A

### Legal Description

**DESCRIPTION:** A parcel of land lying in Sections 17, 20, and 21, Township 26 South, Range 20 East, Pasco County, Florida, and being more particularly described as follows:

**BEGIN** at the Northwest corner of said Section 21, run thence along the North boundary of the Northwest 1/4 of said Section 21, S.89°36'09"E., a distance of 2618.81 feet; thence S.00°19'13"W., a distance of 1110.08 feet to a point on the North right-of-way line of (Proposed) CHANCEY ROAD; thence along said North right-of-way line the following two (2) courses: 1) N.89°35'57"W., a distance of 3171.41 feet to a point of curvature; 2) Westerly, 233.20 feet along the arc of a tangent curve to the right having a radius of 2030.00 feet and a central angle of 06°34'55" (chord bearing N.86°18'29"W., 233.07 feet) to the Southeast corner of lands described in Official Records Book 10269, Page 3938, of the Public Records of Pasco County, Florida; thence along the Easterly boundary of said lands described in Official Records Book 10269, Page 3938, the following twenty-eight (28) courses: 1) N.08°23'39"E., a distance of 21.81 feet; 2) Northeasterly, 54.47 feet along the arc of a tangent curve to the right having a radius of 90.00 feet and a central angle of 34°40'38" (chord bearing N.25°43'58"E., 53.64 feet); 3) Northerly, 239.98 feet along the arc of a reverse curve to the left having a radius of 260.00 feet and a central angle of 52°53'00" (chord bearing N.16°37'47"E., 231.55 feet); 4) Northerly, 64.76 feet along the arc of a non-tangent curve to the right having a radius of 90.00 feet and a central angle of 41°13'45" (chord bearing N.10°48'57"E., 63.37 feet); 5) Northeasterly, 217.93 feet along the arc of a compound curve to the right having a radius of 650.00 feet and a central angle of 19°12'35" (chord bearing N.41°02'07"E., 216.91 feet); 6) Northerly, 345.01 feet along the arc of a reverse curve to the left having a radius of 350.00 feet and a central angle of 56°28'44" (chord bearing N.22°24'02"E., 331.21 feet); 7) N.05°50'20"W., a distance of 38.57 feet; 8) Easterly, 18.59 feet along the arc of a non-tangent curve to the right having a radius of 25.00 feet and a central angle of 42°36'33" (chord bearing N.68°35'45"E., 18.17 feet); 9) N.00°05'59"W., a distance of 50.00 feet; 10) Westerly, 19.42 feet along the arc of a non-tangent curve to the left having a radius of 725.00 feet and a central angle of 01°32'06" (chord bearing S.89°07'58"W., 19.42 feet); 11) Westerly, 14.24 feet along the arc of a non-tangent curve to the right having a radius of 25.00 feet and a central angle of 32°37'46" (chord bearing N.75°17'01"W., 14.05 feet); 12) N.05°50'20"W., a distance of 47.40 feet; 13) Northerly, 208.55 feet along the arc of a tangent curve to the left having a radius of 1040.00 feet and a central angle of 11°29'21" (chord bearing N.11°35'01"W., 208.20 feet); 14) Northerly, 226.34 feet along the arc of a reverse curve to the right having a radius of 4960.00 feet and a central angle of 02°36'52" (chord bearing N.16°01'15"W., 226.32 feet); 15) N.14°42'49"W., a distance of 104.42 feet; 16) Northerly, 147.70 feet along the arc of a tangent curve to the right having a radius of 390.00 feet and a central angle of 21°41'59" (chord bearing N.03°51'49"W., 146.82 feet); 17) Northerly, 167.40 feet along the arc of a reverse curve to the left having a radius of 570.00 feet and a central angle of 16°49'38" (chord bearing N.01°25'31"W., 166.80 feet); 18) N.09°50'19"W., a distance of 223.68 feet; 19) Northeasterly, 12.76 feet along the arc of a non-tangent curve to the right having a radius of 25.00 feet and a central angle of 29°15'13" (chord bearing N.57°55'05"E., 12.63 feet); 20) N.72°32'42"E., a distance of 13.37 feet; 21) N.17°27'18"W., a distance of 50.00 feet; 22) Westerly, 19.41 feet along the arc of a non-tangent curve to the right having a radius of 25.00 feet and a central angle of 44°29'11" (chord bearing N.85°12'43"W., 18.93 feet); 23) N.09°50'19"W., a distance of 196.76 feet; 24) Northerly, 88.13 feet along the arc of a tangent curve to the left having a radius of 615.00 feet and a central angle of 08°12'39" (chord bearing N.13°56'39"W., 88.06 feet); 25) Northeasterly, 15.94 feet along the arc of a non-tangent curve to the right having a radius of 25.00 feet and a central angle of 36°32'18" (chord bearing N.54°16'33"E., 15.67 feet); 26) N.17°27'18"W., a distance of 50.68 feet; 27) Westerly, 18.89 feet along the arc of a non-tangent curve to the right having a radius of 25.00 feet and a central angle of 43°18'04" (chord bearing S.80°48'23"W., 18.45 feet); 28) Northwesterly, 128.45 feet along the arc of a non-tangent curve to the left having a radius of 615.00 feet and a central angle

of 11°58'00" (chord bearing N.29°28'13"W., 128.21 feet) to a corner on the Southerly boundary of ESPLANADE AT WIREGRASS RANCH PHASES 2 & 3, according to the plat thereof, recorded in Plat Book 87, Page 33, of the Public Records of Pasco County, Florida thence along said Southerly boundary the following six (6) courses: 1) N.54°36'24"E., a distance of 52.81 feet; 2) N.72°32'42"E., a distance of 17.28 feet; 3) Easterly, 317.91 feet along the arc of a tangent curve to the left having a radius of 1830.00 feet and a central angle of 09°57'12" (chord bearing N.67°34'05"E., 317.51 feet); 4) along said Southerly boundary of ESPLANADE AT WIREGRASS RANCH PHASES 2 & 3, Northeasterly, 90.47 feet along the arc of a compound curve to the left having a radius of 200.00 feet and a central angle of 25°55'00" (chord bearing N.49°37'59"E., 89.70 feet); 5) Northeasterly, 148.33 feet along the arc of a non-tangent curve to the right having a radius of 205.00 feet and a central angle of 41°27'28" (chord bearing N.57°24'43"E., 145.12 feet); 6) N.78°08'27"E., a distance of 245.90 feet to the Southeast corner thereof, also being a point on the East boundary of the Southeast 1/4 of aforesaid Section 17; thence along said East boundary of the Southeast 1/4 of Section 17, S.00°17'41"W., a distance of 1783.58 feet to the **POINT OF BEGINNING**.

**DESCRIPTION:** A parcel of land lying in Sections 17 and 20, Township 26 South, Range 20 East, Pasco County, Florida, and being more particularly described as follows:

**COMMENCE** at the South 1/4 corner of said Section 17, run thence along the South boundary of the Southwest 1/4 of said Section 17, S.89°56'36"W., a distance of 81.51 feet to a point on the Easterly boundary of ESPLANADE AT WIREGRASS RANCH PHASE 1, as recorded in Plat Book 82, Pages 76 through 91, inclusive, of the Public Records of Pasco County, Florida, said point also being the **POINT OF BEGINNING**; thence along said Easterly boundary the following seventeen (17) courses: 1) N.13°07'32"E., a distance of 257.80 feet; 2) N.84°09'29"E., a distance of 658.51 feet; 3) N.54°31'18"E., a distance of 776.34 feet; 4) N.61°31'05"W., a distance of 402.39 feet; 5) N.16°18'13"W., a distance of 329.96 feet; 6) N.68°54'43"E., a distance of 465.38 feet; 7) S.62°17'23"E., a distance of 522.31 feet; 8) N.10°53'03"E., a distance of 195.13 feet; 9) N.41°09'45"W., a distance of 50.00 feet; 10) N.48°50'15"E., a distance of 53.66 feet; 11) Northwesterly, 278.55 feet along the arc of a non-tangent curve to the left having a radius of 545.00 feet and a central angle of 29°17'02" (chord bearing N.58°57'23"W., 275.53 feet); 12) N.73°35'54"W., a distance of 159.02 feet; 13) Westerly, 106.48 feet along the arc of a tangent curve to the left having a radius of 270.00 feet and a central angle of 22°35'43" (chord bearing N.84°53'45"W., 105.79 feet); 14) N.06°11'37"W., a distance of 70.02 feet; 15) Easterly, 31.75 feet along the arc of a non-tangent curve to the right having a radius of 340.00 feet and a central angle of 05°21'03" (chord bearing N.86°29'28"E., 31.74 feet); 16) N.27°30'45"E., a distance of 416.49 feet; 17) N.88°13'41"W., a distance of 233.36 feet; thence departing said East boundary, N.27°42'11"E., a distance of 276.31 feet; thence N.19°17'06"E., a distance of 15.69 feet; thence N.19°17'06"E., a distance of 154.11 feet; thence N.61°53'11"E., a distance of 452.85 feet; thence N.48°19'27"W., a distance of 898.90 feet; thence N.20°00'03"E., a distance of 687.00 feet to a point on the North boundary of the South 1/2 of the Northeast 1/4 of said Section 17; thence along said North boundary, N.89°55'08"E., a distance of 1263.73 feet to the Northeast corner of the South 1/2 of the Northeast 1/4 of said Section 17, said point also being on the West boundary of COUNTRY WALK INCREMENT E PHASE 2, as recorded in Plat Book 59, Pages 96 through 102, inclusive, of the Public Records of Pasco County, Florida; thence along the East boundary of said Section 17 the following two courses: 1) S.00°02'06"W., a distance of 1324.55 feet to the Northeast corner of the Southeast 1/4 of said Section 17; 2) thence continue along said East boundary, S.00°17'41"W., a distance of 863.67 feet to a point on the West boundary of COUNTRY WALK INCREMENT E PHASE 1, as recorded in Plat Book 55, Pages 75 through 83, inclusive, of the Public Records of Pasco County, Florida; thence departing said West boundary, S.78°08'27"W., a distance of 245.90 feet; thence Southwesterly, 148.36 feet along the arc of a tangent curve to the left having a radius of 205.00 feet and a central angle of 41°27'51" (chord bearing S.57°24'31"W., 145.14 feet); thence Southwesterly, 90.44 feet along the arc of a reverse curve to the right having a radius of 200.00 feet and a central angle of 25°54'37" (chord bearing S.49°38'11"W., 89.67 feet); thence Southwesterly, 317.91 feet along the arc of a compound curve to the right having a radius of 1830.00 feet and a central angle of 09°57'12" (chord bearing S.67°34'05"W., 317.51 feet); thence S.72°32'42"W., a distance of 17.28 feet; thence S.54°36'24"W., a distance of 52.81 feet; thence Southeasterly, 128.45 feet along the arc of a non-tangent curve to the right having a radius of 615.00 feet and a central angle of 11°58'00" (chord bearing S.29°28'13"E., 128.21 feet); thence Easterly, 13.05 feet along the arc of a non-tangent curve to the left having a radius of 25.00 feet and a central angle of 29°54'43" (chord bearing N.87°30'03"E., 12.90 feet); thence N.72°32'42"E., a distance of 5.79 feet; thence S.17°27'18"E., a distance of 50.00 feet; thence Southwesterly, 15.94 feet along the arc of a non-tangent curve to the left having a radius of 25.00 feet and a central angle of 36°32'18" (chord bearing S.54°16'33"W., 15.67 feet); thence Southerly, 88.13 feet along the arc of a non-tangent curve to the right having a radius of 615.00 feet and a central angle of 08°12'39" (chord bearing S.13°56'39"E., 88.06 feet); thence S.09°50'19"E., a distance of 196.76 feet; thence Easterly, 19.41 feet along the arc of a non-tangent curve to the left having a radius of 25.00 feet and a central angle of 44°29'11" (chord bearing S.85°12'43"E.,

18.93 feet); thence S.17°27'18"E., a distance of 50.00 feet; thence S.72°32'42"W., a distance of 13.37 feet; thence Southwesterly, 12.76 feet along the arc of a tangent curve to the left having a radius of 25.00 feet and a central angle of 29°15'13" (chord bearing S.57°55'05"W., 12.63 feet); thence S.09°50'19"E., a distance of 223.68 feet; thence Southerly, 167.38 feet along the arc of a tangent curve to the right having a radius of 570.00 feet and a central angle of 16°49'29" (chord bearing S.01°25'35"E., 166.78 feet); thence Southerly, 147.73 feet along the arc of a reverse curve to the left having a radius of 390.00 feet and a central angle of 21°42'11" (chord bearing S.03°51'43"E., 146.85 feet); thence S.14°42'49"E., a distance of 104.42 feet; thence Southerly, 226.34 feet along the arc of a tangent curve to the left having a radius of 4960.00 feet and a central angle of 02°36'52" (chord bearing S.16°01'15"E., 226.32 feet); thence Southerly, 208.55 feet along the arc of a reverse curve to the right having a radius of 1040.00 feet and a central angle of 11°29'21" (chord bearing S.11°35'01"E., 208.20 feet); thence S.05°50'20"E., a distance of 47.40 feet; thence Easterly, 14.26 feet along the arc of a non-tangent curve to the left having a radius of 25.00 feet and a central angle of 32°40'14" (chord bearing S.75°18'15"E., 14.06 feet); thence Easterly, 19.40 feet along the arc of a reverse curve to the right having a radius of 725.00 feet and a central angle of 01°32'01" (chord bearing N.89°08'01"E., 19.40 feet); thence S.00°05'59"E., a distance of 50.00 feet; thence Westerly, 18.59 feet along the arc of a non-tangent curve to the left having a radius of 25.00 feet and a central angle of 42°36'33" (chord bearing S.68°35'45"W., 18.17 feet); thence S.05°50'20"E., a distance of 38.57 feet; thence Southerly, 345.01 feet along the arc of a tangent curve to the right having a radius of 350.00 feet and a central angle of 56°28'44" (chord bearing S.22°24'02"W., 331.21 feet); thence Southwesterly, 217.93 feet along the arc of a reverse curve to the left having a radius of 650.00 feet and a central angle of 19°12'35" (chord bearing S.41°02'07"W., 216.91 feet); thence Southerly, 64.79 feet along the arc of a compound curve to the left having a radius of 90.00 feet and a central angle of 41°14'39" (chord bearing S.10°48'30"W., 63.40 feet); thence Southerly, 239.95 feet along the arc of a reverse curve to the right having a radius of 260.00 feet and a central angle of 52°52'41" (chord bearing S.16°37'57"W., 231.53 feet); thence Southwesterly, 54.47 feet along the arc of a reverse curve to the left having a radius of 90.00 feet and a central angle of 34°40'38" (chord bearing S.25°43'58"W., 53.64 feet); thence S.08°23'39"W., a distance of 21.81 feet to a point on the North right-of-way line of (Proposed) CHANCEY ROAD; thence along said North right-of-way line the following three (3) courses: 1) Westerly, 767.58 feet along the arc of a non-tangent curve to the right having a radius of 2030.00 feet and a central angle of 21°39'52" (chord bearing N.72°11'06"W., 763.01 feet); 2) N.61°21'10"W., a distance of 187.95 feet; 3) Westerly, 1199.96 feet along the arc of a tangent curve to the left having a radius of 2170.00 feet and a central angle of 31°41'00" (chord bearing N.77°11'40"W., 1184.73 feet) to a point on aforesaid Easterly boundary of ESPLANADE AT WIREGRASS RANCH PHASE 1; thence along said Easterly boundary the following two (2) courses: 1) N.03°02'10"W., a distance of 20.00 feet; 3) N.13°07'32"E., a distance of 495.31 feet to the **POINT OF BEGINNING**.

# Tab 4

**RESOLUTION 2022-11**

**A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT RATIFYING STAFF'S ACTIONS IN DISTRIBUTING PROPOSAL DOCUMENTS FOR THE DISTRICT'S CHANCEY ROAD PHASE 3 PROJECT; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the Wiregrass II Community Development District ("District") is a local unit of special-purpose government created and existing pursuant to Chapter 190, *Florida Statutes* (the "Act"); and

**WHEREAS**, the Act authorizes the District to construct, operate, and maintain systems and facilities for certain basic public infrastructure, including roadway, water and sewer utilities, stormwater management and drainage facilities, amenity improvements, landscaping, irrigation and associated neighborhood infrastructure; and

**WHEREAS**, it is in the District's best interests to competitively solicit proposals through a Request for Proposals ("RFP") process for its Chancey Road Phase 3 Project (the "Project"); and

**WHEREAS**, due to timing and market conditions District staff, together with input from the District Chairman, prepared and published the RFP, using the same criteria previously used by the Board of Supervisors ("Board") for construction RFPs, in advance of its regularly scheduled Board meeting; and

**WHEREAS**, the Board desires to ratify, confirm, and approve the preparation and publication of the RFP, including, but not limited to the evaluation criteria attached as **Exhibit A**.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT:**

**SECTION 1.** All of the representations, findings and determinations contained above are recognized as true and accurate, and are expressly incorporated into this Resolution.

**SECTION 2.** The actions of District Staff, including but not limited to the District Chairman, District Engineer and District Counsel, in preparation and publication of the RFP, including, but not limited to the evaluation criteria attached as **Exhibit A**, are hereby ratified, confirmed and approved by the Board.

**SECTION 3.** If any provision of this Resolution is held to be illegal or invalid, the other provisions shall remain in full force and effect.

**SECTION 4.** This Resolution shall become effective upon its passage and shall remain in effect unless rescinded or repealed.

**PASSED AND ADOPTED** this 22nd day of September 2022.

ATTEST:

**WIREGRASS II COMMUNITY  
DEVELOPMENT DISTRICT**

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Secretary / Assistant Secretary

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Chairperson, Board of Supervisors

**Exhibit A:** Evaluation Criteria

## Exhibit A

### WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT Request for Proposals – Chancey Road Phase 3 Evaluation Criteria

1. *Personnel.* (10 Points)

(E.g., geographic locations of the firm's headquarters or permanent office in relation to the project; capabilities and experience of key personnel, including the project manager and field supervisor; present ability to appropriately staff and manage this project; evaluation of existing work load; proposed staffing levels, etc.)

2. *Proposer's Experience.* (20 Points)

(E.g. past record and experience of the respondent with Wiregrass II CDD; past record and experience in similar projects and with other CDD's and units of government; volume of work previously performed by the firm; character, integrity, reputation, of respondent, etc.)

3. *Understanding of Scope of Work.* (10 Points)

Extent to which the proposal demonstrates an understanding of the District's needs for the services requested.

4. *Financial Capability.* (10 Points)

Extent to which the proposal demonstrates the adequacy of Proposer's financial resources and stability as a business entity, necessary to complete the services required.

5. *Price.* (25 Total Points)

Points available for price will be allocated as follows:

15 Points will be awarded to the Proposer submitting the lowest cost proposal , (i.e., the summation of the unit price extensions using quantity estimates provided, the allowances shown, plus the proposal contractor's fee) for completing the work. All other proposals will receive a percentage of this amount based upon the difference between the Proposer's bid and the low bid.

10 Points are allocated for the reasonableness of unit prices and balance of bid.

6. *Schedule.* (25 Points)

Points available for schedule will be allocated as follows:

15 Points will be awarded to the Proposer submitting the proposal with the most expedited construction schedule (i.e. the fewest number of days) for completing the work. All other proposals will receive a percentage of this amount based upon the difference between the Proposer's timeline and the most expedited construction schedule.

10 Points will be allocated based on the Proposer's ability to credibly complete the project within the Proposer's schedule without a premium cost for accelerated work and demonstrate on-time performance. These points will also take into account the demonstration of Proposer's understanding (through presentation in the proposal of a milestone schedule) of how to meet the required substantial and final completion dates and the delivery approach outlined in the Project Manual.



## **Tab 5**

## PROJECT MANAGEMENT AGREEMENT

### **Chancey Road Phase 3**

This **Project Management Agreement** (the “**Agreement**”), is entered into as of September 22, 2022 by and between the **Wiregrass II Community Development District**, whose address is 3434 Colwell Avenue, Suite 200, Tampa, Florida 33614 (the “**District**”) and **Locust Branch, LLC**, a limited liability company whose address is 3717 Turman Loop, Suite 102 Tampa, Florida 33614 (the “**Project Manager**”).

### RECITALS

**WHEREAS**, the District is a local unit of special purpose government organized and existing under Chapter 190, *Florida Statutes* was established on January 22, 2019 by Pasco County, Florida Ordinance # 19-03; and

**WHEREAS**, the District has determined that it is in the best interests of the present and future landowners within the District to construct Chancey Road Phase 3 (the “**Project**”); and

**WHEREAS**, the District does not have in its employ personnel to supervise construction of the Project and perform on-site construction management services, contract management review services and certain technical and engineering support services, and the District further lacks the physical support facilities needed to properly supervise the construction of the Project; and

**WHEREAS**, the Project Manager has the expertise necessary to perform on-site construction management, contract management review and certain technical and support services in a cost effective and efficient manner; and

**WHEREAS**, the District has determined that it is in the District’s best interest to enter into this Agreement with the Project Manager to provide the services described herein; and

**WHEREAS**, the services to be provided for herein are not required by law to be competitively bid, nor does the type and combination of services to be provided lend themselves to a bidding process; and

**WHEREAS**, the Project Manager has agreed to perform the services provided for in this Agreement upon the terms and conditions set forth herein; and

**WHEREAS**, the parties desire to enter into this Agreement to set forth the rights, duties, and obligations of each relative to the development of the Project.

**NOW THEREFORE**, based upon good and valuable consideration and the mutual covenants of the parties, the receipt of which and sufficiency of which are hereby acknowledged, the parties agree as follows:

**Section 1. Incorporation of Recitals.** The recitals stated above are true and correct and by this reference are incorporated by reference as a material part of this Agreement.

**Section 2. Engagement of The Project Manager.** The District hereby engages the Project Manager to perform the services set forth herein with respect to various construction and related contracts (collectively the “**Construction Contracts**”) entered into or to be entered into between the District and certain construction and other firms (collectively, the “**Contractors**”). The Construction Contracts include all contracts required to construct the Project.

**Section 3. Services to be Performed by The Project Manager.** The Project Manager shall supervise and coordinate the construction of the Project. In connection with the performance of such duties, the Project Manager is hereby authorized, and the Project Manager agrees to perform the following:

- A. **Monitor Development Budget.** Provide regular monitoring of the District's development budget for the Project, identify variances between actual and budgeted or estimated costs, and advise the District whenever projected costs exceed budgets or estimates for such costs. The Project Manager shall deliver cost reports to the District and attend each monthly meeting of the District, or at such other times as the District shall request, and such other information as may reasonably be requested by the District.
- B. **General Contractors.** Negotiate with Contractors and all other subcontractors and suppliers of materials and services necessary to complete construction of the Project, subject to the approval of the District. The Project Manager shall recommend for selection by the District all other contractors and suppliers which the Project Manager reasonably believes may be necessary or helpful to complete the Project.
- C. **Project Engineer.** Coordinate with the District Engineer and project engineer, if applicable, (the “Project Engineer” and together with the District Engineer, the “Engineer”) to review all requests for payment by such professionals and shall determine that all work and materials contained in such requests have been performed and provided to the Project.
- D. **Construction Contracts.** Provide general administration of the Construction Contracts and coordinate the work of the Contractors with each other and with the activities and responsibilities of the Project Manager and the Engineer and other consultants to complete the Project. Specifically, during the construction period, the Project Manager shall:

**i.** Cause construction and progress meetings to be held weekly or at such other more frequent intervals as may be necessary to discuss such matters as procedures, progress, problems and scheduling, and cause prompt distribution of minutes for those meetings to all parties, including the District.

**ii.** Use all reasonable efforts to obtain satisfactory performance from all parties performing services or providing materials and supplies to the Project. The Project Manager shall assist in coordinating procurement of materials by the District (i.e. "Direct Materials Purchase") The Project Manager shall, from time to time, oversee construction, monitor the progress of the work on the Project, and observe the Project. The Project Manager shall make recommendations to the District when it learns that the requirements of a contract are not being fulfilled and the nonperforming party will not take satisfactory corrective action. The Project Manager shall furnish progress reports to the District monthly or at such other more frequent intervals as the District may reasonably request.

**iii.** Recommend necessary or desirable changes to the Project, review requests for changes, assist in negotiating proposed change orders, submit recommendations to the District, and if accepted, cause the Project Engineer to prepare change orders.

**iv.** Assist the Project Engineer in the District's selecting, retaining, and reviewing the professional services of surveyors, consultants and testing laboratories, if required, and coordinate their services and monitor their reports.

**v.** Consult with the Project Engineer and the District if the Contractors request interpretations of the meaning and intent of the plans and specifications or any other matter and shall assist in the resolution of questions which may arise.

**vi.** Collaborate with the Project Engineer in processing and approving shop drawings, samples, project data and other submittals.

**vii.** When the Project Manager considers a Contractor's work or a designated portion thereof to be substantially complete, the Project Manager shall prepare or cause to be prepared a list of incomplete or unsatisfactory items and a schedule for their completion. The Project Manager shall assist the Project Engineer in conducting inspections. After the Project Engineer certifies the date of substantial completion of the work, the Project Manager shall work with the Project Engineer and Contractor to coordinate the final correction and completion of the work.

**viii.** Assist the Project Engineer in determining when the Project or a designated portion thereof has reached final completion. Use all reasonable efforts to secure and transmit to District required guarantees, permits, affidavits, releases, bonds and waivers. Deliver all keys, manuals, record drawings and maintenance stocks to the District.

ix. Perform such additional administrative and coordinating functions as the District may reasonably deem necessary to accomplish the orderly and proper construction of the Project within the time and budgetary parameters set by District and in accordance with the approved plans and specifications for the Project.

- E. **Geotechnical Services.** The Project Manager shall be entitled to hire and retain any geotechnical services or other consultants that it deems necessary for the provision of the project management services set forth in this Agreement, in consultation with the District. Such services shall be subject to reimbursement by the District in accordance with the terms of this Agreement.
- F. **Financing.** Request disbursements to pay the cost of items in the District's development budget for the Project, subject to the review and approval of the District.
- G. **Limitations on The Project Manager's Duties.** The Project Manager shall not be responsible for or have control or charge of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the development and construction of the Project. The Project Manager shall not be responsible for the failure by any person or entity retained by the District or the Project Manager to carry out the work for which such person or entity was retained or the acts or omissions of any such person or entity. The Project Manager shall not be responsible for or have control of accounting or cash disbursements for the District.

#### **Section 4. Compensation.**

- A. **Management Fee.** In consideration of the performance by the Project Manager of the services to be provided pursuant to this Agreement, the District shall pay the Project Manager a base monthly management fee (the "**Management Fee**") of \$4,000.00 per month. The Management Fee to be paid hereunder is based on certain assumptions by the Project Manager and the District as to the extent of ongoing construction activities and the amount of work required supervising and monitoring such construction. If the District terminates this Agreement because of a default by the Project Manager hereunder, the Management Fee shall be paid through the effective date of such termination.
- B. **Reimbursable Expenses.** In addition to the Management Fee, the Project Manager shall be entitled to be reimbursed for its reasonable out of pocket costs. All such reasonable out of pocket costs shall be supported by adequate vouchers and receipts, and shall be reimbursable only to the extent permitted by applicable law.

**Section 5. Term.** The term of this Agreement shall be until final completion of the Project. Either party may terminate this Agreement without cause with sixty (60) days written notice. Notwithstanding the foregoing, if the Project Manager fails to perform its duties hereunder or materially breaches the terms and conditions of this Agreement, the District may, at its option, terminate this Agreement immediately by providing written notice thereof to the Project Manager.

**Section 6. Miscellaneous.**

- A. **Management.** The Project Manager shall be responsible for obtaining all necessary permits and registrations and shall comply with all codes, laws and regulations for the performance of the work required under this Agreement. The District shall have the authority to request status reports or request the Project Manager at District meetings to provide status reports and updates to the District. It is acknowledged and agreed that the Project Manager is an independent contractor with respect to the duties to be performed by it under this Agreement.
- B. **Indemnification.** Project Manager shall indemnify, defend and hold the District harmless against all claims, demands, legal actions, expenses and liabilities (including payment of attorneys' fees and costs) incurred by District in connection with the performance of Project Manager's duties hereunder. The Project Manager agrees that nothing in this Agreement shall serve as or be construed as a waiver of the District's or its staff, supervisors or consultants limitations on liability contained in section 768.28, *Florida Statutes*, or other law
- C. **Applicable Law.** This Agreement, and the rights and interests and obligations of the District and the Project Manager hereunder shall be governed by and construed in accordance with the laws of the State of Florida.
- D. **No Modification.** No modification to this Agreement shall be valid unless in writing and signed by the parties.
- E. **Notices.** Any notice required or permitted to be given under this Agreement shall be in writing and sent by registered or certified mail, postage prepaid, return receipt requested, or sent by expedited courier service to the addresses set forth below. Any notice shall be deemed given upon receipt.

**To the District:**

Wiregrass II Community  
Development District  
3434 Colwell Avenue, Suite 200  
Tampa, Florida 33614

**With a Copy To:**

Kutak Rock LLP  
107 West College Avenue  
Tallahassee, Florida 32301

Attn: District Counsel

**To the Project Manager:** Locust Branch, LLC  
3717 Turman Loop, Ste. 102  
Wesley Chapel, Florida 33544  
Attn: Scott Sheridan

**With a Copy To:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Attn: \_\_\_\_\_

**F. Public Records.** The Project Manager understands and agrees that all documents of any kind provided to the District in connection with this Agreement are public records and will be treated as such in accordance with Florida law. In particular, the Project Manager agrees to comply with all applicable public records laws, including but not limited to Section 119.0701, *Florida Statutes*, the provisions of which are expressly incorporated by reference herein.

**G. E-Verify Requirements.**

- i.** The Project Manager shall comply with and perform all applicable provisions of Section 448.095, *Florida Statutes*. Accordingly, beginning January 1, 2021, to the extent required by Florida Statute, Project Manager shall register with and use the United States Department of Homeland Security’s E-Verify system to verify the work authorization status of all newly hired employees. The District may terminate this Agreement immediately for cause if there is a good faith belief that the Project Manager has knowingly violated Section 448.091, *Florida Statutes*.
- ii.** If the Project Manager anticipates entering into agreements with a subcontractor for the Work, Project Manager will not enter into the subcontractor agreement without first receiving an affidavit from the subcontractor regarding compliance with Section 448.095, *Florida Statutes*, and stating that the subcontractor does not employ, contract with, or subcontract with an unauthorized alien. Project Manager shall maintain a copy of such affidavit for the duration of the agreement and provide a copy to the District upon request.
- iii.** In the event that the District has a good faith belief that a subcontractor has knowingly violated Section 448.095, *Florida Statutes*, but the Project Manager has otherwise complied with its obligations hereunder, the District shall promptly notify the Project Manager. The Project Manager agrees to immediately terminate the agreement with the subcontractor upon notice from the District. Further, absent such notification from the District, the Project

Manager or any subcontractor who has a good faith belief that a person or entity with which it is contracting has knowingly violated s. 448.09(1), *Florida Statutes*, shall promptly terminate its agreement with such person or entity.

- iv. By entering into this Agreement, the Project Manager represents that no public employer has terminated a contract with the Project Manager under Section 448.095(2)(c), *Florida Statutes*, within the year immediately preceding the date of this Agreement.

**H. Entire Agreement.** This Agreement is the entire agreement of the parties with respect to the subject matter contained herein.

**IN WITNESS WHEREOF**, the District and the Project Manager have caused this Agreement to be duly executed effective as of the day and year first above written.

**Attest:**

**WIREGRASS II COMMUNITY  
DEVELOPMENT DISTRICT**

\_\_\_\_\_  
Secretary / Assistant Secretary

\_\_\_\_\_  
Chairperson, Board of Supervisors

**LOCUST BRANCH, LLC**, a Florida  
limited liability company

\_\_\_\_\_  
Witness

By: \_\_\_\_\_  
Its: \_\_\_\_\_



## **Tab 6**



## Egis Insurance & Risk Advisors

Is pleased to provide a

Proposal of Insurance Coverage for:

### Wiregrass II Community Development District

Please review the proposed insurance coverage terms and conditions carefully.

Written request to bind must be received prior to the effective date of coverage.

The brief description of coverage contained in this document is being provided as an accommodation only and is not intended to cover or describe all Coverage Agreement terms. For more complete and detailed information relating to the scope and limits of coverage, please refer directly to the Coverage Agreement documents. Specimen forms are available upon request.

## **About FIA**

Florida Insurance Alliance (“FIA”), authorized and regulated by the Florida Office of Insurance Regulation, is a non-assessable, governmental insurance Trust. FIA was created in September 2011 at a time when a large number of Special Taxing Districts were having difficulty obtaining insurance.

Primarily, this was due to financial stability concerns and a perception that these small to mid-sized Districts had a disproportionate exposure to claims. Even districts that were claims free for years could not obtain coverage. FIA was created to fill this void with the goal of providing affordable insurance coverage to Special Taxing Districts. Today, FIA proudly serves and protects nearly 1,000 public entity members.

### **Competitive Advantage**

FIA allows qualifying Public Entities to achieve broad, tailored coverages with a cost-effective insurance program. Additional program benefits include:

- Insure-to-value property limits with no coinsurance penalties
- First dollar coverage for “alleged” public official ethics violations
- Proactive in-house claims management and loss control department
- Complimentary risk management services including on-site loss control, property schedule verification and contract reviews
- Online Risk Management Education & Training portal
- Online HR & Benefits Support portal
- HR Hotline
- Safety Partners Matching Grant Program

### **How are FIA Members Protected?**

FIA employs a conservative approach to risk management. Liability risk retained by FIA is fully funded prior to the policy term through member premiums. The remainder of the risk is transferred to reinsurers. FIA’s primary reinsurers, Lloyds of London and Hudson Insurance Company, both have AM Best A XV (Excellent) ratings and surplus of \$2Billion or greater.

In the event of catastrophic property losses due to a Named Storm (i.e., hurricane), the program bears no risk as all losses are passed on to the reinsurers. FIA purchases property reinsurance to withstand the 1,000-year storm event (probability of exceedance .1%). This level of protection is statistically 2 to 3 times safer than competitors and industry norms.

### **What Are Members Responsible For?**

As a non-assessable Trust, our members are only responsible for two items:

- Annual Premiums
- Individual Member Deductibles

FIA Bylaws prohibit any assessments or other fees.

**Additional information regarding FIA and our member services can be found at [www.fia360.org](http://www.fia360.org).**

Quotation being provided for:

**Wiregrass II Community Development District  
c/o Rizzetta & Company  
3434 Colwell Ave, Suite 200  
Tampa, FL 33614**

**Term: October 1, 2022 to October 1, 2023**

**Quote Number: 100122407**

**PROPERTY COVERAGE**

**SCHEDULE OF COVERAGES AND LIMITS OF COVERAGE**

<b>COVERED PROPERTY</b>	
Total Insured Values – Blanket Building and Contents – Per Schedule on file totalling	Not Included
Loss of Business Income	Not Included
Additional Expense	Not Included
<b>Inland Marine</b>	
Scheduled Inland Marine	\$0

It is agreed to include automatically under this Insurance the interest of mortgagees and loss payees where applicable without advice.

	<u>Valuation</u>	<u>Coinsurance</u>
Property	Replacement Cost	None
Inland Marine	Actual Cash Value	None

<b>DEDUCTIBLES:</b>		
	Not Applicable	Per Occurrence, All other Perils, Building & Contents and Extensions of Coverage.
	Not Applicable	Total Insured Values per building, including vehicle values, for "Named Storm" at each affected location throughout Florida subject to a minimum of Not Applicable per occurrence, per Named Insured.
	Per Attached Schedule	Inland Marine

<b>Special Property Coverages</b>		
<u>Coverage</u>	<u>Deductibles</u>	<u>Limit</u>
Earth Movement	Not Applicable	Not Included
Flood	Not Applicable	Not Included
Boiler & Machinery		Not Included
TRIA		Not Included

\*Except for Zones A & V see page 8 (Terms and Conditions) excess of NFIP, whether purchased or not

**TOTAL PROPERTY PREMIUM**

**Not Included**

**Extensions of Coverage**

If marked with an "X" we will cover the following EXTENSIONS OF COVERAGE under this Agreement, These limits of liability do not increase any other applicable limit of liability.

(X)	Code	Extension of Coverage	Limit of Liability
	A	Accounts Receivable	\$500,000 in any one occurrence
	B	Animals	\$1,000 any one Animal \$5,000 Annual Aggregate in any one agreement period
	C	Buildings Under Construction	As declared on Property Schedule, except new buildings being erected at sites other than a covered location which is limited to \$250,000 estimated final contract value any one construction project.
	D	Debris Removal Expense	\$250,000 per insured or 25% of loss, whichever is greater
	E	Demolition Cost, Operation of Building Laws and Increased Cost of Construction	\$500,000 in any one occurrence
	F	Duty to Defend	\$100,000 any one occurrence
	G	Errors and Omissions	\$250,000 in any one occurrence
	H	Expediting Expenses	\$250,000 in any one occurrence
	I	Fire Department Charges	\$50,000 in any one occurrence
	J	Fungus Cleanup Expense	\$50,000 in the annual aggregate in any one occurrence
	K	Lawns, Plants, Trees and Shrubs	\$50,000 in any one occurrence
	L	Leasehold Interest	Included
	M	Air Conditioning Systems	Included
	N	New locations of current Insureds	\$1,000,000 in any one occurrence for up to 90 days, except 60 days for Dade, Broward, Palm Beach from the date such new location(s) is first purchased, rented or occupied whichever is earlier. Monroe County on prior submit basis only
	O	Personal property of Employees	\$500,000 in any one occurrence
	P	Pollution Cleanup Expense	\$50,000 in any one occurrence
	Q	Professional Fees	\$50,000 in any one occurrence
	R	Recertification of Equipment	Included
	S	Service Interruption Coverage	\$500,000 in any one occurrence
	T	Transit	\$1,000,000 in any one occurrence
	U	Vehicles as Scheduled Property	Included
	V	Preservation of Property	\$250,000 in any one occurrence
	W	Property at Miscellaneous Unnamed Locations	\$250,000 in any one occurrence
	X	Piers, docs and wharves as Scheduled Property	Included on a prior submit basis only

	Y	Glass and Sanitary Fittings Extension	\$25,000 any one occurrence
	Z	Ingress / Egress	45 Consecutive Days
	AA	Lock and Key Replacement	\$2,500 any one occurrence
	BB	Awnings, Gutters and Downspouts	Included
	CC	Civil or Military Authority	45 Consecutive days and one mile

**CRIME COVERAGE**

<u>Description</u>	<u>Limit</u>	<u>Deductible</u>
Forgery and Alteration	Not Included	Not Included
Theft, Disappearance or Destruction	Not Included	Not Included
Computer Fraud including Funds Transfer Fraud	Not Included	Not Included
Employee Dishonesty, including faithful performance, per loss	Not Included	Not Included

### AUTOMOBILE COVERAGE

Coverages	Covered Autos	Limit	Premium
<b>Covered Autos Liability</b>	<b>8,9</b>	<b>\$1,000,000</b>	<b>Included</b>
<b>Personal Injury Protection</b>	<b>N/A</b>		<b>Not Included</b>
<b>Auto Medical Payments</b>	<b>N/A</b>		<b>Not Included</b>
<b>Uninsured Motorists including Underinsured Motorists</b>	<b>N/A</b>		<b>Not Included</b>
<b>Physical Damage Comprehensive Coverage</b>	<b>N/A</b>	<p><b>Actual Cash Value Or Cost Of Repair, Whichever Is Less, Minus Applicable Deductible (See Attached Schedule) For Each Covered Auto, But No Deductible Applies To Loss Caused By Fire or Lightning.</b></p> <p>See item Four for Hired or Borrowed Autos.</p>	<b>Not Included</b>
<b>Physical Damage Specified Causes of Loss Coverage</b>	<b>N/A</b>	<p><b>Actual Cash Value Or Cost Of Repair, Whichever Is Less, Minus Applicable Deductible (See Attached Schedule) For Each Covered Auto For Loss Caused By Mischief Or Vandalism</b></p> <p>See item Four for Hired or Borrowed Autos.</p>	<b>Not Included</b>
<b>Physical Damage Collision Coverage</b>	<b>N/A</b>	<p><b>Actual Cash Value Or Cost Of Repair, Whichever Is Less, Minus Applicable Deductible (See Attached Schedule) For Each Covered Auto</b></p> <p>See item Four for Hired or Borrowed Autos.</p>	<b>Not Included</b>
<b>Physical Damage Towing And Labor</b>	<b>N/A</b>	<b>\$0 For Each Disablement Of A Private Passenger Auto</b>	<b>Not Included</b>

**GENERAL LIABILITY COVERAGE (Occurrence Basis)**

Bodily Injury and Property Damage Limit	\$1,000,000
Personal Injury and Advertising Injury	Included
Products & Completed Operations Aggregate Limit	Included
Employee Benefits Liability Limit, per person	\$1,000,000
Herbicide & Pesticide Aggregate Limit	\$1,000,000
Medical Payments Limit	\$5,000
Fire Damage Limit	Included
No fault Sewer Backup Limit	\$25,000/\$250,000
General Liability Deductible	\$0

**PUBLIC OFFICIALS AND EMPLOYMENT PRACTICES LIABILITY (Claims Made)**

Public Officials and Employment Practices Liability Limit	Per Claim	\$1,000,000
	Aggregate	\$2,000,000
Public Officials and Employment Practices Liability Deductible		\$0

Supplemental Payments: Pre-termination \$2,500 per employee - \$5,000 annual aggregate.  
Non-Monetary \$100,000 aggregate.

Cyber Liability sublimit included under POL/EPLI

Media Content Services Liability  
Network Security Liability  
Privacy Liability  
First Party Extortion Threat  
First Party Crisis Management  
First Party Business Interruption  
Limit: \$100,000 each claim/annual aggregate





## PREMIUM SUMMARY

**Wiregrass II Community Development District  
c/o Rizzetta & Company  
3434 Colwell Ave, Suite 200  
Tampa, FL 33614**

**Term: October 1, 2022 to October 1, 2023**

**Quote Number: 100122407**

### PREMIUM BREAKDOWN

Property (Including Scheduled Inland Marine)	Not Included
Crime	Not Included
Automobile Liability	Not Included
Hired Non-Owned Auto	Included
Auto Physical Damage	Not Included
General Liability	\$3,259
Public Officials and Employment Practices Liability	\$2,667
Deadly Weapon Protection Coverage	Not Included
<b>TOTAL PREMIUM DUE</b>	<b>\$5,926</b>

#### IMPORTANT NOTE

Defense Cost - Outside of Limit, Does Not Erode the Limit for General Liability, Public Officials Liability, and Employment related Practices Liability.

Deductible does not apply to defense cost. Self-Insured Retention does apply to defense cost.

#### Additional Notes:

(None)



### PARTICIPATION AGREEMENT

#### Application for Membership in the Florida Insurance Alliance

The undersigned local governmental entity, certifying itself to be a public agency of the State of Florida as defined in Section 163.01, Florida Statutes, hereby formally makes application with the Florida Insurance Alliance (“FIA”) for continuing liability and/or casualty coverage through membership in FIA, to become effective 12:01 a.m., 10/01/2022, and if accepted by the FIA’s duly authorized representative, does hereby agree as follows:

- (a) That, by this reference, the terms and provisions of the Interlocal Agreement creating the Florida Insurance Alliance are hereby adopted, approved and ratified by the undersigned local governmental entity. The undersigned local governmental entity certifies that it has received a copy of the aforementioned Interlocal Agreement and further agrees to be bound by the provisions and obligations of the Interlocal Agreement as provided therein;
- (b) To pay all premiums on or before the date the same shall become due and, in the event Applicant fails to do so, to pay any reasonable late penalties and charges arising therefrom, and all costs of collection thereof, including reasonable attorneys’ fees;
- (c) To abide by the rules and regulations adopted by the Board of Directors;
- (d) That should either the Applicant or the Fund desire to cancel coverage; it will give not less than thirty (30) days prior written notice of cancellation;
- (e) That all information contained in the underwriting application provided to FIA as a condition precedent to participation in FIA is true, correct and accurate in all respects.

Wiregrass II Community Development District

Wiregrass II Community Development District  
(Name of Local Governmental Entity)

By: William H. Porter William H. Porter  
Signature Print Name

Witness By: Ashlee R Beckley Ashlee R Beckley  
Signature Print Name

IS HEREBY APPROVED FOR MEMBERSHIP IN THIS FUND, AND COVERAGE IS EFFECTIVE October 1, 2022

By: \_\_\_\_\_  
Administrator

# **Tab 7**

**STREET/OUTDOOR LIGHTING AGREEMENT**  
**(New Lighting)**

THIS STREET/OUTDOOR LIGHTING AGREEMENT (together with any and all appendices, addenda, exhibits and schedules attached hereto, this "Agreement"), effective as of the 29th day of August 2022, by and between **Withlacoochee River Electric Cooperative, Inc.**, a non-profit Florida corporation, with a principal place of business at PO Box 278, Dade City, Florida 33526-0278 ("WREC"), and Wiregrass II CDD c/o Rizzetta & Company, whose address is 3434 Colwell Avenue, Suite 200 Tampa, FL 33614 ("Customer").

**WITNESSETH:**

**WHEREAS**, Customer is in possession of the real property located at Wiregrass Ranch Blvd. and more particularly described in Exhibit A attached hereto (the "Property"); and

**WHEREAS**, Customer desires WREC to construct, maintain and operate a street lighting system as more particularly described in Exhibit B attached hereto (the "System") on the Property.

**NOW, THEREFORE**, in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties agree as follows:

1. SCOPE OF SERVICES

(a) Pursuant to the terms of this Agreement and WREC's current rules and regulations, WREC shall construct, maintain, and operate the System as shown on the maps, drawings and specifications attached hereto in Exhibit B and furnish all of the electric power and energy necessary for the operation of the System on the Property.

(b) WREC, whenever it shall find it necessary for the purpose of making repairs upon or improvements in any part of its electric transmission or distribution lines or equipment, shall have the right to suspend temporarily service to the System, but in all such cases reasonable notice thereof shall be given to the Customer, if circumstances permit, and the making of repairs and improvements shall be prosecuted as rapidly as may be practicable.

(c) The Customer shall grant to WREC all permits, franchises, or authority including a free and continuous right-of-way, necessary to construct, operate, and maintain the System in the streets of or upon the Property.

(d) The Customer shall become a member of WREC, shall pay the membership fee and be bound by the provisions of the Articles of Incorporation and By-laws of WREC and by such rules and regulations as may from time to time be adopted by WREC. In the event there is a conflict between the terms and conditions of this Agreement and WREC's By-laws or any rule or regulation adopted by WREC, the term and conditions of this Agreement shall prevail.

## 2. TERM; TERMINATION

(a) This Agreement shall become effective on the date first written above and shall remain in effect until five (5) years following the start of the initial billing period and thereafter until terminated by either party giving to the other twelve (12) months' notice in writing. In addition, WREC shall have the right to terminate this Agreement pursuant to WREC's Service Rules and Regulations and WREC's Articles of Organization and By-laws.

(b) Upon termination of this Agreement in any manner, WREC shall have the right to remove from the Property any equipment which WREC may have installed to provide service hereunder.

## 3. SYSTEM MALFUNCTIONS

(a) It shall be the Customer's responsibility to notify WREC in the event of failure of a lighting unit within the System. WREC assumes no responsibility to inspect any lighting units within the System to determine whether they were properly functioning until after such time that WREC has been notified that a unit has malfunctioned. Moreover, if an alleged outage notification is not logged into WREC's reporting registry, it is presumed that no call was ever placed by the Customer and that no outage report was received by WREC.

(b) WREC will normally repair a malfunctioning or inoperative streetlight or lighting unit within 60 days of receiving notification that the light has malfunctioned. However, the repair may take up to 180 days, and may take longer than 180 days if the customer causes a delay. Further, WREC may require 365 days or longer to repair or to replace the light in the event of a declared state of emergency or natural disaster.

## 4. DISCLAIMER; LIMITATION OF LIABILITY; INDEMNIFICATION

(a) WREC shall use reasonable diligence to provide a constant and uninterrupted supply of electric power and energy hereunder. If the supply of electric power and energy shall fail or be interrupted, or become defective through act of God, governmental authority, action of the elements, public enemy, accident, strikes, labor trouble, required maintenance work, inability to secure right-of-way, or any other cause beyond the reasonable control of WREC, WREC shall not be liable for damages caused thereby.

(b) The Customer is responsible for all aspects of the design of the System's lighting plan. WREC has not conducted any study regarding the application of a particular lighting unit for the Customer's lighting needs and WREC assumes no responsibility for the adequacy or appropriateness of the System's lighting unit. Furthermore, WREC makes no warranties as to the adequacy, sufficiency or appropriateness of the System's lighting for purposes of safety, security or other illumination. It is the Customer's responsibility to select the size, style and location of the lighting units and to monitor whether the lighting units that they have requested from WREC are adequate for the Customer's particular needs. It also is the Customer's responsibility to request that WREC change any aspect of the lighting unit within the System if the unit is not adequate for the Customer's needs. The Customer must pay for any appropriate charges and fees for any requested changes.

(c) WREC does not guarantee continuous lighting within the System and will not be liable to any person or entity for damages related to any interruption, deficiency or failure of a light. WREC will use normal industry practices to attempt to furnish reliable electrical energy to the System and will repair the System after notification, but WREC does not and cannot guarantee 100% reliability. WREC reserves the right to interrupt service to the System or a lighting unit within the System at any time for necessary repairs to lines or equipment.

(d) Customer herewith indemnifies and holds harmless WREC from any and all liability or damage that WREC or any other person or entity may suffer as a result of, or in any way relating to or arising out of, the design or operation of the System, including, but not limited to, the appropriateness of the System or the illumination of any lighting unit within the System to provide safety or security to third parties.

## 5. TERMS OF PAYMENT

(a) The initial billing period shall start when the Customer begins using electric power and energy, or ten (10) days after WREC notifies the Customer in writing that the System is available hereunder, whichever shall occur first.

(b) The Customer shall pay WREC pursuant to WREC's current rules and regulations adopted by WREC for the System and all electricity furnished hereunder. If the Customer shall fail to make any such payment within the time period provided in WREC's current rules and regulations, WREC may discontinue service to the Customer upon giving ten (10) days' written notice to the Customer of its intention so to do, provided, however, that nothing herein contained shall relieve the Customer of its obligation to receive electrical service in accordance with the provisions of this Agreement.

(c) The Customer agrees that the rates charged for street lighting shall be those rates specified in the WREC's Rate Schedule "AL" attached hereto as Exhibit C, which may be adjusted from time to time in WREC's sole and absolute discretion. Such adjusted rate schedules shall be on file with the Florida Public Service Commission. Customer shall provide WREC with cash, a bond or letter of credit to secure the payment of the total amount of fixture and pole charges that remain owed to WREC in the event this Agreement is terminated within five (5) years of the start of Customer's initial billing period.

(d) Transfer of fixtures from one location to another on the Property at the request of the Customer shall be at the expense of the Customer. All charges hereunder are subject to Florida State Sales Tax unless Customer is exempt therefrom. Replacement of lamps, glassware and accessory equipment willfully or maliciously broken by persons unknown shall be paid for by the Customer at WREC's replacement cost.

## 6. ASSIGNMENT

No party may assign this Agreement or any of its rights and obligations hereunder without the prior written consent of the other party; any such attempted assignment shall be null and void.

7. SUCCESSORS

This Agreement binds the heirs, executors, administrators, successors and assigns of the respective parties with respect to all covenants herein, and cannot be changed except by written agreement signed by both parties.

8. SURVIVAL

The provisions of this Agreement which by their nature are intended to survive, shall survive completion, expiration, recession or termination of this Agreement.

9. GOVERNING LAW

The validity of this Agreement, the construction and enforcement of its terms and the interpretation of the rights and duties of the parties hereto shall be governed by the laws of the State of Florida, without regard to its conflict of laws principles.

10. SEVERABILITY

In the event any one or more of the provisions of this Agreement shall for any reason be held to be invalid, illegal or unenforceable, the remaining provisions of this Agreement shall be unimpaired, and the invalid, illegal or unenforceable provision(s) shall be replaced by a mutually acceptable provision(s), which being valid, legal and enforceable, comes closest to the intention of the parties underlying the invalid, illegal or unenforceable provision(s).

11. HEADINGS

The headings in this Agreement are for purposes of reference only and shall not in any way limit or otherwise affect the meaning or interpretation of any of the terms hereof.

12. COUNTERPARTS

This Agreement may be executed in several counterparts, each of which shall be deemed to be an original, and all of which, when taken together, shall constitute one and the same instrument.

13. MODIFICATION, AMENDMENT, SUPPLEMENT OR WAIVER

(a) No modification, amendment, supplement to or waiver of this Agreement or any of its provisions shall be binding upon the parties hereto unless made in writing and duly signed by the party against whom enforcement thereof is sought.

(b) A failure or delay of any party to this Agreement to enforce at any time any of the provisions of this Agreement or to exercise any option which is herein provided, or to require at any time performance of any of the provisions hereof, shall in no way be construed to be a waiver of such provisions of this Agreement.

14. ENTIRETY OF AGREEMENT

This Agreement together with all appendices, exhibits, schedules, attachments and addenda attached hereto constitute the entire agreement between the parties and supersedes all previous agreements, promises, representations, understandings and negotiations, whether written or oral, between the parties with respect to the subject matter hereof.

**IN WITNESS WHEREOF**, the parties hereto, through their duly authorized officers, have executed this Agreement as of the day and year first set forth above.

**CUSTOMER**

*Sally J. Chaudler*  
Signature

*Colby Chaudler*  
Printed Name of Customer

*Vice Chairman*  
Title

*9/1/22*  
Date

**WITHLACOOCHIE RIVER  
ELECTRIC COOPERATIVE, INC.**

*Adam Stapleton*  
Signature

Adam Stapleton Engineer Tech  
Printed Name and Title



**EXHIBIT A**

S3/4 OF SEC LESS THAT PORTION OF VILLAGE 3 LYING IN SEC 17 DESCRIBED IN OR 6009 PG 206 & EXC THAT PORTION OF PARCEL B LYING WITHING SECTION 17 AS DESC IN OR 7602 PG 620 & EXC THAT PORTION OF PARCEL DESC IN OR 7644 PG 387 LYING WITHIN SEC 17; EXC THAT PORTION OF PARCEL "S2" LYING IN SEC 17; EXC THAT PORTION OF PARCEL "S2" LYING IN SEC 17 AS DESC IN OR 8407 PG 247; & EXC THAT PORTION OF THE FOLLOWING DESC LYING WITHIN SEC 17 AND WITHIN WIREGRASS II CDD: COM AT SE COR OF ESTANCIA PHASE 1D PB 69 PG 21 TH ALG EAST LINE OF SAID ESTANCIA PHASE 1D N05DEG 35'41"E 94.10 FT FOR POB TH CONT N05DEG 39'41"E 1010.44 FT TH 529.09 FT ALG ARC OF CURVE LEFT RADIUS 2030.00 FT CHD BRG & DIST N01DEG 48'19"W 527.59 FT TH N09DEG 16'19"W 1197.44 FT TH 29.92 FT ALG ARC OF CURVE LEFT RADIUS 2030.00 FT CHD BRG & DIST N09DEG 41'39"W 29.92 FT TH N79DEG 53'01"E 140.00 FT TH 31.98 FT ALG ARC OF CURVE RIGHT RADIUS 2170.00 FT CHD BRG & DIST S09DEG 41'39"E 31.98 FT TH S09DEG 15'19"E 1197.44 FT TH 565.59 FT ALG ARC OF CURVE RIGHT RADIUS 2170.00 FT CHD BRG & DIST S01DEG 48'19"E 563.99 FT TH S05DEG 39'41"W 1010.44 FT TH N84DEG 20'19"W 140.00 FT TO POB

ALL OF SEC EXC THAT PART LYING WEST OF SR NO 581 & EXC R/W FOR SR NO 581 & EXC THAT POR OF VILLAGE 3 LYING IN SEC 18 AS DESCRIBED IN OR 6009 PG 206 & EXCEPT PORTION OF PARCEL B LYING WITHIN SEC 18 AS DESC IN OR 7602 PG 620 & EXCEPT PORTION OF PARCEL LYING WITHIN SEC 18 AS DESC IN OR 7644 PG 387 & EXCEPT THAT PORTION OF PARCEL M3 LYING IN SEC 18 AS DESC IN OR 7804 PG 454; EXC PARCEL "M2" DESC IN OR 8407 PG 247 OR 1669 PG 1754

EAST 160 ACRES OF THAT POR OF SEC LYING SOUTH OF SR NO 54 EXC FOLL DESC PROP:COM AT NE COR OF SEC TH ALG E BDY OF SEC S00DG29'45"W 1530.63 FT TO SLY R/W LINE OF SR 54 TH SWLY ALG SAID R/W 638.31 FT ALG ARC CV L RAD 5769.58 FT CHD S74DEG 54'16"W 637.98 FT TH CONT ALG SAID R/W S71DEG41'13"W 1237.66 FT FOR POB TH S05DEG 39'25"E 211.89 FT TH S71DEG 41'13"W 68 FT TH S00DEG29'44"W 264.57 FT TH N89DEG30'16"W 189.57 FT TH N00DEG29'44"E 414.40 FT TO SLY R/W OF SR54 TH N71DEG41'13"E 244.27 FT ALG SAID R/W LN TO POB & EXC COM AT NE COR OF SEC TH S00DG29'45"W 1530.62 FT TO PT ON SLY R/W LN OF SR54 TH 638.31 FT ALG ARC OF CV L RAD 5679.58 FT CHD S74DG54'16"W 637.98 FT TH S71DG 41'13"W 979 .45FT FOR POB TH S00DG30'04W 397.39 FT TH N88DG8'57"W 286. 12FT TH N0DG29'44"E 74.78FT TH N71DG41'13"E 68FT TH N05DG39' 25"W 211.89FT TH N71DG41'13"E 258.21FT TO POB & LESS PCLS IN 5673/282 & EXC PCL IN 7644/404 EXC THAT PORTION LYING WITHIN PARCEL DESC IN OR 9064 PG 210 & EXC THAT PORTION LYIG WITHIN PARCEL DESC IN OR 9070 PG 2802 & LESS PCL DESC IN OR 9863 PG 3902 SUBJECT TO DRAINAGE EASEMENTS PER OR 9070 PG 2861 & SUBJECT TO NON-EXCLUSIVE INGRESS EGRESS & ACCESS EASEMENT AGREEMENT PER OR 9070 PG 2902

**EXHIBIT B**

<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Quantity</u></b>
212	LED Classic Post Top 100W HPS Eq.	84
960	12' Aluminum Wadsworth	84

**EXHIBIT C**

<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Rate</u></b>
<b>212</b>	<b>LED Classic Post Top 100W HPS Eq.</b>	<b>\$22.75</b>
<b>960</b>	<b>12' Aluminum Wadsworth</b>	<b>\$10.00</b>

# Tab 8



# Response to Request for Qualifications GEOTECHNICAL, SOIL, AND RELATED TESTING SERVICES



September 12, 2022

September 12, 2022

*Prepared Exclusively For:*

Mr. Lynn Hayes, District Manager  
**Wiregrass II Community Development District**  
5844 Old Pasco Rd #100  
Wesley Chapel, Florida 33544



**Subject: Letter of Interest - Statement of Qualifications  
Geotechnical, Soils and Related Testing Services**

Dear Mr. Hayes,

On behalf of AREHNA Engineering, we are pleased to submit our Statement of Qualifications. The scope of services presented in the RFQ, to provide Geotechnical, Soils and Related Testing Services aligns with AREHNA's expertise and experience on similar contracts for geotechnical and materials testing engineering services. We can execute in-house, full-service geotechnical engineering and testing, as well as all the soils, asphalt and concrete testing and inspection services outlined in the scope. We are prequalified in FDOT Work Groups 9.1, 9.2, 9.3, 9.4.1, 9.4.2, 9.5 and 10.3. To enhance our specialty testing and services and depth of resources, we have partnered with **Ambient Technologies, Inc. – GeoView, Inc.**, with whom we have well-established working relationship which will ensure continued seamless responsiveness to the District.

AREHNA's experience spans thousands of geotechnical projects, including commercial and residential site development, vertical construction, as well as roadways, bridges, airports, power plants and distribution facilities, water and wastewater treatment plants, utilities and other City, County and State projects. AREHNA's highly qualified professionals are experts in a wide variety of testing methods to provide the best geotechnical solution for each project. Our engineers have extensive experience performing geotechnical and materials testing services on contracts of similar size, scope, and complexity. We have listed a few reasons why we believe the AREHNA Team is a preferred choice to assist the District with successful execution of this contract:

- ✓ **Accomplished Experience:** AREHNA's key staff have successfully completed similar services for various clients and bring a proven track record of delivering high-quality services on-time and on-budget. We understand the dynamics of task order contracts of this nature and believe one of our greatest strengths lies in our ability to partner with our clients for their success.
- ✓ **Responsive, In-house Capabilities:** AREHNA provides the depth of technical qualifications needed to successfully execute the services required under this contract. In-house drilling, coring and AASHTO accredited laboratory services enable us to be responsive to the most aggressive schedules.
- ✓ **Organized Project Management:** We take an organized approach to managing our projects. Many of the contracts that AREHNA currently holds have extremely aggressive schedules. AREHNA has developed an internal infrastructure to ensure that our quality standards are maintained while delivering reports on time.

Jessica McRory will serve as the main point of contact for this contract. As the President, she has the authority to legally bind the firm. Her contact information is:

Jessica McRory, PE, LEED AP, President  
5012 W. Lemon Street, Tampa, FL 33609  
Phone 813-944-3464  
Fax 813-944-4959  
Cell 813-758-4465  
Email [jmcrory@arehna.com](mailto:jmcrory@arehna.com)

AREHNA Engineering, Inc. is a Florida Corporation, registered with the Florida Board of Professional Engineers. We are a minority business registered with the Florida Office of Supplier Diversity and Florida Department of Transportation, as well as several other local agencies.

We appreciate your consideration of our team for this contract and are excited to have the opportunity to serve the Wiregrass II Community Development District.

Respectfully Submitted,



**AREHNA Engineering, Inc.**

Jessica A. McRory, PE  
President

# Table of Contents

## **Section 1 Firm Background & Licenses**

- Firm Background
- Professional Licenses
- State of Florida Registration
- Minority Business Enterprise (M/WBE) Certifications

## **Section 2 General Qualifications – Standard Form 330**

- SF 330, Part I - Sections (A-H)
- SF 330 Part II

## **Section 3 Staff Qualifications & Experience**

- Staff Qualifications
- Additional Project Experience

## **Section 4 Approach**

- Approach and Willingness to Meet Time and Budget Requirements
- Quality Control
- Location
- Workloads and Availability
- Volume of Previous Work



# Section 1

FIRM BACKGROUND & LICENSES

## FIRM BACKGROUND

**AREHNA Engineering, Inc.** provides innovative and comprehensive geotechnical engineering and materials testing and inspection services. The firm is founded on the core principles of providing quality service, technical expertise, responsiveness, and value to our clients. Our project experience includes thousands of engineering projects, including residential single family and multi-family developments,, commercial developments, roadways, stormwater facilities, bridges, airports, power plants and distribution facilities, military facilities, wastewater treatment plants, utilities, and municipal facilities. AREHNA was established in January of 2009 and has been in business for nearly 14 years in Tampa, Florida. As a woman-owned, small business, AREHNA is registered with several state and local agencies.

AREHNA's Team has grown to a team of 46 engineers, inspectors, laboratory and field technicians and office administrative personnel which are highly qualified professionals that are extremely knowledgeable in the areas of expertise required for this contract. In addition to geotechnical and materials testing, AREHNA has a specific expertise with sinkhole related investigations. All of the proposed key staff have managed and successfully executed miscellaneous services contracts for City and County governments. AREHNA, prequalified in FDOT Work Groups: 9.1, 9.2, 9.3, 9.4.1, 9.4.2, 9.5 and 10.3, has a full service geotechnical and construction materials testing laboratory, which is **AASHTO accredited, USACE validated** and **FDOT approved**. AREHNA's in-house drilling and coring capabilities gives us control of our schedule and the ability to meet the most aggressive project schedules.

**Role on this Contract:** *Project Management, Geotechnical Engineering and Construction Materials Testing*

**Company Info:** AREHNA Engineering, Inc.  
5012 W Lemon Street  
Tampa, Florida 33609  
Phone: 813-944-3464  
eFax: 813-944-4959  
Web: [www.arihna.com](http://www.arihna.com)

Contact: Jessica McRory  
Email: [jmcroy@arihna.com](mailto:jmcroy@arihna.com)  
Cell: 813-758-4465



We have supplemented our capabilities with a team that has a longstanding working relationship. We have partnered with **Ambient Technologies, Inc. – GeoView, Inc.**, whose core capabilities are presented later in this section.

Geoview has earned a reputation for providing responsible, quality, conscientious, and dependable geo-services since 1993. GeoView is headquartered in St. Petersburg, Florida. Their staff consists of a diverse group of geologists and geophysicists. Geophysical services are supervised by licensed geologists, GSI certified personnel and utility/reinforcement locate services are performed by certified technicians.

**Role on this Contract:** *GeoView will support the team with geophysical services.*

## ABILITY OF FIRM

The following outlines qualification to execute geotechnical services under this contract. Reports, studies, soil exploration, geotechnical engineering services and construction support, inspection and materials testing services.



## GEOTECHNICAL ENGINEERING SERVICES

Geotechnical services commence with project planning and design and extends into construction. Thorough geotechnical exploration is fundamental to the planning of site development and design of structures, utilities and roadways. AREHNA provides full service geotechnical engineering including analysis for foundation (shallow and deep foundations) and retaining wall design, site development, ground improvement, and geotechnical support of drainage, pond and pavement design. AREHNA's highly qualified professionals are skilled in a wide variety of exploration techniques.

AREHNA has experienced, in-house drilling capabilities and 3 drill rigs, allowing us the flexibility to control the schedule and minimize costs. The following field services are routinely performed on similar contracts:

- ✓ Standard Penetration Test borings
- ✓ Rock Coring
- ✓ Auger Borings
- ✓ Seasonal High Ground Water Levels
- ✓ Pavement Cores
- ✓ Penetrometer Soundings
- ✓ Subaqueous Sampling
- ✓ Double Ring Infiltration Testing
- ✓ Percolation Testing
- ✓ Test Pits

## SINKHOLE EXPERIENCE

AREHNA has extensive experience characterizing sites with karst topography for sinkhole development, both pre and post development and also have emergency response capabilities. We utilize geophysics to identify subsurface features for further exploration with soil borings or soundings. Over the past thirteen years we have performed over 2,500 sinkhole explorations, through West Central Florida, many in Pasco County. If sinkhole activity is identified, a site-specific stabilization program is designed. We are very familiar with a variety of techniques such as compaction grouting, vibro-replacement, chemical grouting, and underpinning as they relate to mitigating sinkhole damages. AREHNA provides expert litigation support and has a State approved Neutral Evaluator on staff.

## CONSTRUCTION MATERIALS TESTING AND INSPECTION

When a project enters the construction phase, our team is ready to support the project with inspections, observations, and field testing. We locally perform the tests and our experienced engineering technicians are ACI and CTQP/FDOT certified.

- **Soil and Aggregate Testing** - Proctor, LBR, CBR, density testing, property testing, sieve analysis, organic testing, Atterberg testing, corrosion series testing, permeability testing, LA abrasion, etc.
- **Concrete, Grout and Soil Cement** - Sampling and sample preparation, compressive strength testing, beam testing, air content and slump testing, rebound hammer, soil-cement stabilization mix design etc.
- **Asphalt Testing and Inspection** - Bulk specific gravity, density testing, extraction, gradation, RICE (maximum specific gravity testing), test strips core characterization, etc.



**Monitoring and Inspection** - We have extensive experience with the following services:

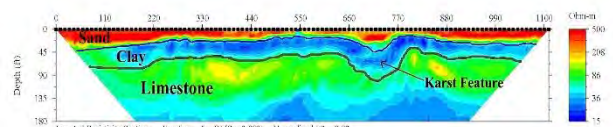
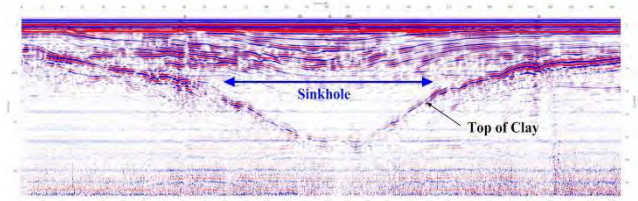
- CE&I Inspections
- Compaction and Chemical Grout Monitoring
- Augercast Pile Monitoring
- Vibro-Replacement Monitoring
- Post-Tensioned Concrete Monitoring
- Foundation Excavation Inspection
- Drilled Shaft Monitoring
- Pile Driving Monitoring
- Load Test Monitoring
- Soil Anchors Monitoring
- Vibration Monitoring
- Asphalt Plant Inspection

AREHNA's laboratory is FDOT approved, USACE validated, AASHTO accredited inspected by AMRL, and CCRL. AREHNA participates in the AASHTO Proficiency Sample Program. Our laboratory is AASHTO R18, ASTM E329, C1077, D3666 and D3740 accredited.

**GEOPHYSICAL SERVICES**

Geotechnical/Geological Site Characterization Studies are performed using ground penetrating radar (GPR), electrical resistivity imaging (ERI) and seismics (surficial and downhole). Our Team offers specialists in Karst/Sinkhole applications. Environmental site characterization studies designed identify buried metallic and non-metallic debris, USTs, drums, abandoned wells, contaminated soils, etc. Investigations performed using GPR, electromagnetics (frequency and time domain) and magnetometry.

Underground utility location, designation and mapping using GPR, electronic utility locators and sub-foot accuracy GPS. NDT testing of concrete structures and foundations for both design and deficiencies using a variety of methods including GPR, Impact Echo, Sonics, Electrical and Seismics. Concrete reinforcing and corrosion studies using GPR and electrical resistivity. Marine surveys to determine presence of submerged objects, bathymetry and underlying geological conditions. Investigations performed using GPR, side-scan sonar, marine magnetometers, ERI, sub-bottom profiling and marine refraction. Drone services to provide complimentary ortho-photographic, infrared and lidar mapping services.



**LICENSES AND REGISTRATIONS**

Occupational License, Certificate of Status, Florida Board of Professional Engineers

The screenshot shows the dbpr website interface. On the left, there are 'ONLINE SERVICES' such as 'Apply for a License', 'Verify a Licensee', and 'View Food & Lodging Inspections'. The main area is titled 'LICENSEE SEARCH OPTIONS' and shows search results for 'AREHNA ENGINEERING, INC.'. The results table lists the License Type as 'Registry', Name as 'AREHNA ENGINEERING, INC.', Name Type as 'Primary', License Number/Rank as '28410 Registry', and Status/Expires as 'Current'. Below the table, there are buttons for 'Back' and 'New Search'. A legend explains that '\*' denotes Main Address, Mailing Address, or License Location Address.

2021 - 2022 HILLSBOROUGH COUNTY BUSINESS TAX RECEIPT EXPIRES SEPTEMBER 30, 2022

OCC. CODE 280.065081 TESTING LABORATORY

10 Employees Receipt Fee 54.00  
Hazardous Waste Surcharge 40.00  
Law Library Fee 0.00

BUSINESS AREHNA ENGINEERING INC  
5012 W LEMON ST  
TAMPA, FL 33609

NAME AREHNA ENGINEERING INC  
5012 W LEMON ST  
MAILING TAMPA, FL 33609  
ADDRESS

Paid 20-0-468030  
07/09/2021 94.00

**2021 - 2022**

**BUSINESS TAX RECEIPT** NANCY C MILLAN, TAX COLLECTOR  
813-435-8200  
THIS BECOMES A TAX RECEIPT WHEN VALIDATED.

2021 - 2022 HILLSBOROUGH COUNTY BUSINESS TAX RECEIPT EXPIRES SEPTEMBER 30, 2022

OCC. CODE 260.026000 OFFICE

Receipt Fee 30.00  
Hazardous Waste Surcharge 0.00  
Law Library Fee 0.00

BUSINESS AREHNA ENGINEERING INC  
5012 W LEMON ST  
TAMPA, FL 33609

NAME AREHNA ENGINEERING INC  
5012 W LEMON ST  
MAILING TAMPA, FL 33609  
ADDRESS

Paid 20-0-468030  
07/09/2021 30.00

**2021 - 2022**

**BUSINESS TAX RECEIPT** NANCY C MILLAN, TAX COLLECTOR  
813-435-8200  
THIS BECOMES A TAX RECEIPT WHEN VALIDATED.

*State of Florida  
Department of State*

I certify from the records of this office that AREHNA ENGINEERING INC. is a corporation organized under the laws of the State of Florida, filed on December 24, 2008, effective January 1, 2009.

The document number of this corporation is P08000110763.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on January 5, 2022, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Fifth day of January, 2022*

*Ronald M. Bee*  
Secretary of State

Tracking Number: 8875438529CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.  
<https://services.sunbiz.org/Filing/CertificateOfStatus/CertificateAuthentication>

**LABORATORY LICENSES AND CERTIFICATIONS**



**FDOT Approved Laboratory**  
107022 – AREHNA Engineering, Inc.

Address	Amanda Perera (813) 944-3464	(813) 944-4069 aperera@arehna.com	
<b>Aggregates</b>	<b>Test Method</b>	<b>Status</b>	<b>Qualifying Agency</b>
	AASHTO T 21	Valid	AAP
	AASHTO T 255	Valid	AAP
	AASHTO T 27	Valid	AAP
	FM 1-T 011	Valid	AAP
	FM 1-T 084	Valid	AAP
	FM 1-T 085	Valid	AAP
<b>Asphalts</b>	<b>Test Method</b>	<b>Status</b>	<b>Qualifying Agency</b>
	FM 1-T 030	Valid	AAP
	FM 1-T 166	Valid	AAP
	FM 1-T 209	Valid	AAP
	FM 5-563	Valid	AAP
<b>Chemical</b>	<b>Test Method</b>	<b>Status</b>	<b>Qualifying Agency</b>
	ASTM C1231	Valid	AAP
	ASTM C39	Valid	AAP
	ASTM C511	Valid	AAP
	ASTM C617	Valid	AAP
<b>Soils</b>	<b>Test Method</b>	<b>Status</b>	<b>Qualifying Agency</b>
	AASHTO R 58	Valid	AAP
	AASHTO T 100	Valid	AAP
	AASHTO T 205	Valid	AAP
	AASHTO T 86	Valid	CMEC
	AASHTO T 89	Valid	AAP
	AASHTO T 90	Valid	AAP
	AASHTO T 99	Valid	AAP
	FM 1-T 180	Valid	AAP
	FM 1-T 207	Valid	AAP
	FM 5-515	Valid	AAP

**AGGREGATE**

- Aggregate - C 80 - Opt - Organic Impurities
- Aggregate - D 75 - Opt - Sampling
- Aggregate - C 117 - Req - Material Finer than 75 µm (No. 200) Sieve
- Aggregate - C 124 - Req - Specific Gravity & Absorption in Coarse Aggregate
- Aggregate - C 128 - Req - Specific Gravity & Absorption in Fine Aggregate
- Aggregate - E 136 - Req - Sieve Analysis of Aggregates
- Aggregate - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
- Aggregate - C 565 - Opt - Total Moisture Content
- Aggregate - C 702 - Opt - Reducing Samples to Testing Size
- Aggregate - C 1077 - Opt - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
- Aggregate - D 3665 - Opt - Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials

**BITUMINOUS**

- Bituminous - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
- Bituminous - D 2726 - Req - Bulk Specific Gravity and Density
- Bituminous - D 3664 - Opt - Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials
- Bituminous - D 5444 - Req - Mechanical Size Analysis of Extracted Aggregate
- Bituminous - D 6307 - Req - Asphalt Content of Hot Mix Asphalt by Ignition Method

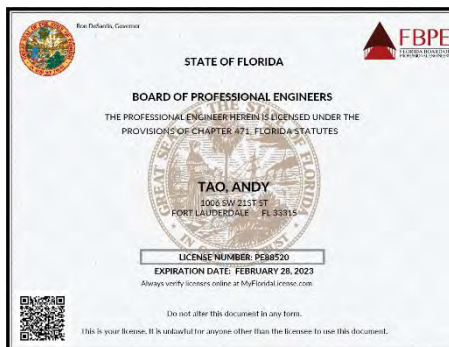
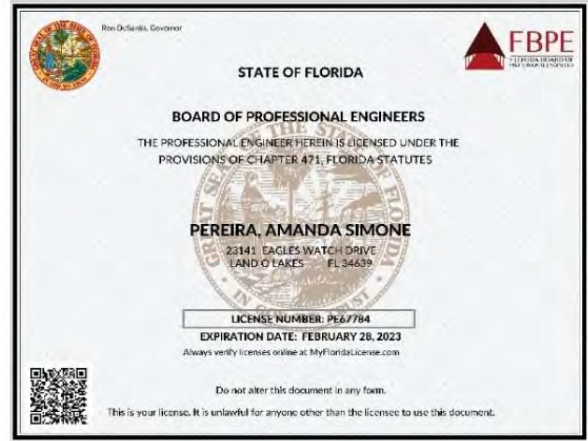
**CONCRETE**

- Concrete - C 31 - Req - Making and Curing Test Specimens in the Field
- Concrete - C 39 - Req - Compressive Strength of Cylindrical Specimens
- Concrete - C 136 - Req - Unit Weight and Air Content by Gravimetry
- Concrete - C 143 - Req - Slump
- Concrete - D 172 - Req - Sampling
- Concrete - C 172 - Req - Air Content by Volumetric \*\*\*Requires (1) C211 not performed\*\*\*
- Concrete - C 231 - Req - Air Content by Pressure \*\*\*Requires (1) C173 not performed\*\*\*
- Concrete - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
- Concrete - C 511 - Opt - Moisture Content, Moisture Ratio, Vapor Storage Tanks
- Concrete - C 517 - Opt - Capping Cylindrical Specimens
- Concrete - C 1064 - Req - Temperature of Concrete
- Concrete - C 1077 - Opt - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
- Concrete - C 1231 - Opt - Unbonded Caps

**SOILS**

- Soils - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
- Soils - D 421 - Req - Dry Preparation for Particle Size Distribution & Soil Constants
- Soils - D 422 - Req - Particle Size Analysis
- Soils - D 590 - Req - Compaction Characteristics by Standard Effort
- Soils - D 1146 - Req - Density Index from 15" in (No. 200) Sieve
- Soils - D 1555 - Req - Density and Unit Weight by Sand Cone
- Soils - D 1557 - Req - Compaction Characteristics by Modified Effort
- Soils - D 1083 - Req - CA (Freeze Ratio) (CRM)
- Soils - D 2216 - Req - Water Content
- Soils - D 2487 - Req - Classification of Soils
- Soils - D 2488 - Req - Description & Identification of Soils (Visual-Manual Procedure)
- Soils - D 2974 - Req - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils
- Soils - D 7140 - Opt - Soil and Rock Testing Standards (Quality Standards)
- Soils - D 4316 - Req - Liquid & Plastic Limits & Plasticity Index
- Soils - D 4944 - Opt - Field Moisture Content of Soil by Calcium Chloride Gas Pressure/Timer
- Soils - D 5913 - Req - Particle Size Distribution of Soils Using Sieve Analysis
- Soils - D 6938 - Req - Density and Water Content by Shallow Gravity Nuclear Method

PROFESSIONAL LICENSURE



**SUBCONSULTANTS BUSINESS AND PROFESSIONAL LICENSURE**

**Florida dbpr** Department of Business & Professional Regulation

HOME CONTACT US MY ACCOUNT

10:24:28 AM 8/31/2022

**ONLINE SERVICES**

- Apply for a License
- Verify a Licensee
- View Food & Lodging Inspections
- File a Complaint
- Continuing Education Course Search
- View Application Status
- Find Exam Information
- Unlicensed Activity Search
- AB&T Delinquent Invoice & Activity List Search

**LICENSEE DETAILS**

**Licensee Information**

Name: AMBIENT TECHNOLOGIES, INC. (Primary Name)  
AMBIENT TECHNOLOGIES, INC. (DBA Name)

Main Address: 4610 CENTRAL AVE  
ST PETERSBURG Florida 33710

County: PINELLAS

**License Information**

License Type: Registry  
Rank: Registry  
License Number: 34987  
Status: Current  
Licensure Date: 03/26/2021  
Expires:

Ron DeSantis, Governor  
Halsey Behears, Secretary

STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS

THE PROFESSIONAL GEOLOGIST HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

**WIGHTMAN, MICHAEL JAMES**  
112 MASTERS LANE  
SAFETY HARBOR FL 34695-3722

LICENSE NUMBER: PG1423  
EXPIRATION DATE: JULY 31, 2022  
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.  
This is your license. It is unlawful for anyone other than the licensee to use this document.

*State of Florida  
Department of State*

I certify from the records of this office that AMBIENT TECHNOLOGIES, INC. is a corporation organized under the laws of the State of Florida, filed on February 27, 1986, effective February 24, 1986.

The document number of this corporation is J01409.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on February 17, 2022, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Seventeenth day of February, 2022*

Tracking Number: 3192468839CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.  
<http://services.sunbiz.org/Filing/CertificateOfStatus/CertificateAuthentication>

**GeoView**

**Ambient Technologies**  
An Earth of Experience



**OFFICE OF SUPPLIER DIVERSITY CERTIFICATES**

AREHNA Engineering, Inc. is a 100% women-owned, certified Minority Business registered with several State and local agencies, including the Office of Supplier Diversity.



**SUBCONSULTANT OFFICE OF SUPPLIER DIVERSITY CERTIFICATES**

Ambient Technologies, Inc. – GeoView, Inc., our geophysical services subconsultant is also a certified Minority Business with the Office of Supplier Diversity.



# Section 2

GENERAL QUALIFICATIONS –  
STANDARD FORM 330

# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (*City and State*):

**Geotechnical, Soils and Related Testing Services**  
Wiregrass II Community Development District

2. PUBLIC NOTICE DATE:

August 28, 2022

3. SOLICITATION OR PROJECT NUMBER:

N/A

### B. ARCHITECT-ENGINEER POINT OF CONTACT



4. NAME AND TITLE

Jessica McRory, PE

4. NAME OF FIRM:

**AREHNA Engineering, Inc.**

5. TELEPHONE NUMBER:

813-944-3464

6. FAX NUMBER:

813-944-4959

7. E-MAIL ADDRESS:

jmcroly@arehna.com

### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
<b>A</b>	<input checked="" type="checkbox"/>			AREHNA Engineering, Inc.  <small>* CHECK IF BRANCH OFFICE</small>	5012 W Lemon St. Tampa, FL 33609	Materials Testing and Engineering Geotechnical Engineering
<b>B</b>			<input checked="" type="checkbox"/>	GeoView, Inc. (A subsidiary of Ambient Technologies, Inc.)  <small>* CHECK IF BRANCH OFFICE</small>	4610 Central Avenue – Suite A St. Petersburg, FL 33711	Geophysical Services
<b>C</b>				  <small>* CHECK IF BRANCH OFFICE</small>		
<b>D</b>				  <small>* CHECK IF BRANCH OFFICE</small>		
<b>E</b>				  <small>* CHECK IF BRANCH OFFICE</small>		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

**Geotechnical, Soils, and Related Testing Services**



**Project Manager**  
**Jessica McRory, PE, LEED AP**

**Quality Assurance/Quality Control**  
 Kirk Eastman, PE

**GEOTECHNICAL DESIGN SERVICES**

**TASK MANAGER**  
 Kevin Hill, PE

**CONSTRUCTION TESTING SERVICES**

**TASK MANAGER**  
 Amanda Pereira, PE

**Geotechnical Engineering**

Sonia Florence, PE  
 Annabella Hullen, PE  
 Andy Tao, PE  
 Andrew Sway, PG, EI  
 David Adams, EI  
 Sean Seibert, EI  
 Tate Cozort, EI  
 David Grove

**Geotechnical Field Testing**

David Teslicko  
 Wesley Magras  
 Joshua Green  
 Frank George  
 Matt Seibert  
 Ryan Burris  
 Paul Dettor

**3 Drill Rigs, 4 Core Rigs**

**Laboratory Testing**

Stephen Long, PE  
 Gordon Appleton, EI  
 April Schmitz  
 Joy Mathew  
 Brendan Schenning  
 Winston Orellana  
 Bethanie Brown  
 Brittany Ware  
 David Greene

**Field Testing & Inspection**

Dustin Anderson  
 Dave Teslicko  
 Blake Dodson  
 Elmer Wilson  
 Keith Nunes  
 Jacob Kirby  
 John Cotto


**Geophysical Surveys (GeoView)**

Michael Wightman, PG  
 Carlos Roberto Lemos, PG  
 Marcelo Reis, MSc  
 Roger Clint  
 Scott Purcell  
 Chad Hall



**ORGANIZATIONAL CHART**


**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

	12. NAME <b>Jessica A. McRory, PE, LEED AP</b>	13. ROLE ON THIS CONTRACT <b>Sr. Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>18</b>	b. With Current Firm <b>13.5</b>
15. FIRM NAME AND LOCATION (City and State) <b>AREHNA Engineering, Inc., Tampa, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Master of Science, Civil Engineering, Geotechnical Focus University of South Florida</b> <b>Bachelor of Science, Civil Engineering University of South Florida</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 68440 LEED Accredited Professional</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ms. McRory has managed the geotechnical aspects of testing, design and construction for over a thousand engineering projects. Her involvement has included analysis and evaluation of soil conditions pertaining to new construction design, as well as ongoing construction projects. Project experience has ranged from large FDOT contracts to large commercial projects. Evaluations have included soil and groundwater conditions, determining soil bearing capacity and consolidation characteristics and analyzing the performance of various types of foundation systems. Ms. McRory is active in several professional organizations including, FES, SAME, ABC and is the past Branch President for ASCE.				

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>A</b>	<b>Pasco County Utilities Continuing Services (Public Infrastructure)</b> Pasco County, Florida	PROFESSIONAL SERVICES 2020 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Contract Manager:</b> The work includes water supply/treatment; transmission, distribution and collection pipe networks; wastewater treatment facilities; utility relocations; wastewater pumping systems and hydraulic system network modeling.		
<b>B</b>	<b>Tampa Premium Outlets, Phase I &amp; Phase II</b> Pasco County, Florida	PROFESSIONAL SERVICES 2012 - 2014	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> AREHNA provided geotechnical engineering services for this project which consisted of a 50± acre planned development with outlet mall structures as well as outparcels occupied by additional shops, restaurants, bank facility, and paved parking.		
<b>C</b>	<b>District Wide Geotechnical and Materials Testing</b> District 7, Florida	PROFESSIONAL SERVICES 2016 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Principal Engineer:</b> Ms. McRory serves as the principal-in-charge for this contract. She ensures adequate available resources for the field exploration programs including soil borings, and pavement coring, as well as construction materials testing. Services included pavement data collection, design of structure foundations and soil surveys for intersection improvement, resurfacing, widening and bridge projects.		
<b>D</b>	<b>Hillsborough County Subsurface Testing &amp; Inspection Contract</b> Hillsborough County, Florida	PROFESSIONAL SERVICES 2020 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> AREHNA provided geotechnical engineering and construction oversight services under this continuing services contract. Projects have included multiple County sites for Hardened Maintenance Facilities and support of other County developments. Geotechnical explorations are performed to obtain information on the general subsurface conditions of the proposed structures, stormwater facilities and parking lots.		
<b>E</b>	<b>City of Tampa A/E Continuing Services Contract</b> Tampa, Florida	PROFESSIONAL SERVICES 2016 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Principal Engineer:</b> Ms. McRory's responsibilities included geotechnical scope development and cost estimation, boring layout and utility coordination, soil classification, geotechnical analysis, and preparation of recommendations for pavements, drainage and site preparation for multiple City of Tampa Public Works and Utility projects.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

	12. NAME <b>Kevin Hill, PE, PMP</b>	13. ROLE ON THIS CONTRACT <b>Senior Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>15</b>	b. With Current Firm <b>1.5</b>
15. FIRM NAME AND LOCATION (City and State) <b>AREHNA Engineering, Inc., Tampa, Florida</b>				


16. EDUCATION (Degree and Specialization) <b>Bachelor of Science, Aeronautical and Astronautical Engineering, Ohio State University, 1992</b>	17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 72949</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Mr. Hill has 15 years providing project management and technical direction of a wide variety of geotechnical engineering projects, geotechnical field investigations, and analyses for numerous public and private sector clients. His experience includes working on hundreds of projects in the areas of subsidence (sinkhole) investigations and sinkhole/structure stabilization. Geotechnical projects include project management and geotechnical design of shallow and deep foundation systems for commercial, industrial and residential structures, bridges and sanitary/water system structures and waste phosphatic clay and organic soil stabilization, as well as providing design soil parameters and recommendations for roadway embankments, bridges, landfills, MSE walls, mast arm poles, stormwater ponds, retaining walls, pipelines, storage tanks, pond clay liners and monitoring well installations.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>A</b>	<b>Pasco County Utilities Continuing Services (Public Infrastructure)</b> Pasco County, Florida	PROFESSIONAL SERVICES 2020 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> The work includes water supply and treatment; transmission, distribution and collection pipe networks; wastewater treatment facilities; utility relocations; wastewater pumping systems and hydraulic system network modeling. Mr. Hill supports this contract on an as-needed basis for coordinating and overseeing drilling and laboratory testing programs and performs engineering analysis and reporting.		
<b>B</b>	<b>Districtwide Geotechnical and Materials Testing Continuing Services Contract</b> District 7, Florida	PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> Mr. Hill performs geotechnical services on numerous transportation projects throughout the district. He oversees field exploration programs including soil borings, and pavement coring, as well as construction materials testing. Services included pavement data collection, design of structure foundations and soil surveys for intersection improvement, resurfacing, signals, widening and bridge projects.		
<b>C</b>	<b>City of Tarpon Springs, Geotechnical &amp; Construction Materials Testing Services Contract, Tarpon Springs, Florida</b>	PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> Mr. Hill served as the Project Manager for this project and was responsible for field exploration, lab testing, geotechnical foundation design (settlement and bearing capacity), along with slope stability analysis and geotechnical recommendations.		
<b>D</b>	<b>Geotechnical Engineering Contract (Northeast Water Reclamation Facility)</b> St. Petersburg, Florida	PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> Mr. Hill performed geotechnical engineering services for this project which consists of renovations to the existing pump station to accommodate new equipment.		
<b>E</b>	<b>Hillsborough County Stormwater Continuing Services Contract</b> Hillsborough County, Florida	PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> This contract supports drainage and stormwater improvement projects. We have closely coordinated with the design team to ensure that deadlines are met. Mr. Hill has managed several of the tasks under this contract.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

	12. NAME <b>Kirk M. Eastman, PE</b>	13. ROLE ON THIS CONTRACT <b>Sr. Geotechnical Engineer/QA/QC</b>	14. YEARS EXPERIENCE	
	15. FIRM NAME AND LOCATION (City and State) <b>AREHNA Engineering, Inc., Tampa, Florida</b>		a. Total <b>29</b>	b. With Current Firm <b>3.5</b>

16. EDUCATION (Degree and Specialization) <b>Master of Science, Civil Engineering, Structures &amp; Foundations Engineering, University of Central Florida</b> <b>Bachelor of Science, Aeronautical Engineering Embry-Riddle Aeronautical University</b>	17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 50733</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Mr. Eastman has 29 years of experience in the field of geotechnical engineering. He has managed multiple FDOT District Wide Contracts for Districts 1 and 7 over a 26-year period. He has also served as project manager for multiple major projects. His experience includes roadway, bridge, pond and retaining wall projects where he has performed shallow and deep foundation analyses including driven piles, settlement and slope stability analyses. He has also worked on vibration monitoring projects and performed numerous ground subsidence studies.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>A</b>	<b>SR589/SR54 Operational Ramp Improvements Florida's Turnpike Enterprise</b> Pasco County, Florida	PROFESSIONAL SERVICES 2019 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Geotechnical Engineer:</b> Mr. Eastman served as Geotechnical EOR for this ramp improvement project that included support elements for additional lanes, drainage, new mast arms, CCTV and overhead signage.		
<b>B</b>	<b>City of Tampa Architecture/Engineering Contract</b> Tampa, Florida	PROFESSIONAL SERVICES 2019 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Geotechnical Engineer:</b> Work was performed on an as needed basis to support Public Works Projects. Services included pavement coring, drilling and laboratory testing, engineering analysis and reporting for pavement evaluation, drainage/stormwater and roadway projects. Mr. Eastman oversaw field and laboratory testing tasks and performed engineering analysis and reporting.		
<b>C</b>	<b>Hillsborough County Subsurface Testing &amp; Inspection Contract</b> Hillsborough County, Florida	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Geotechnical Engineer:</b> This project consists of a new core building and structures, stormwater pond, driveway, parking area and loading areas. Mr. Eastman's responsibilities include, coordination of field and laboratory testing tasks, quality control, he performed engineering analysis and reporting.		
<b>D</b>	<b>Continuing Services Contract City of Temple Terrace</b> Temple Terrace, Florida	PROFESSIONAL SERVICES 2019 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Geotechnical Engineer:</b> AREHNA provided Geotechnical Engineering services on this task order contract. Tasks included: Tree Tops Force Main, Lift Station SA and Force Main A. Mr. Eastman provided geotechnical engineering services, roadway analysis, and general recommendations for trenchless and open cut excavation pipe installation.		
<b>E</b>	<b>District-Wide Geotechnical and Materials Testing</b> District Seven, Florida	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Geotechnical Engineer:</b> Mr. Eastman serves as a Senior Geotechnical Engineer for this task-order contract. Scope of work has included pavement coring and geotechnical support of in-house design projects.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

	12. NAME <b>Amanda Pereira, PE</b>	13. ROLE ON THIS CONTRACT <b>Sr. Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
	15. FIRM NAME AND LOCATION (City and State) <b>AREHNA Engineering, Inc., Tampa, Florida</b>		a. Total <b>26</b>	b. With Current Firm <b>10</b>

16. EDUCATION (Degree and Specialization) <b>Bachelor of Science, Civil Engineering University of South Florida</b>	17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 67784</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Ms. Pereira has over 26 years of progressive experience in the fields of geotechnical engineering and construction material testing and inspection. Her experience includes coordination and oversight of subsurface explorations, geotechnical report preparation, shallow and deep foundation inspections and testing, multi-story threshold inspections, review, quality control and reporting of field and laboratory testing for soils, concrete, asphalt and structural steel during the construction phase on a variety of projects. Her experience has been gained both in the public and private sector on a variety of infrastructure projects including urban and rural roadways, airports, water and wastewater facilities, pipelines, commercial and private buildings, subdivisions, site suitability and due diligence studies and commercial sites.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>A</b>	<b>Pinellas County Geotechnical and Materials Testing Services</b> Pinellas County, Florida	PROFESSIONAL SERVICES 2017 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> Ms. Pereira oversees this contract that includes a Countywide Asphalt Testing Program for multiple resurfacing projects. Testing has included field and laboratory testing as well as asphalt plant inspection services.		
<b>B</b>	<b>Geotechnical and Materials Testing Continuing Services Contract</b> District 7, Florida	PROFESSIONAL SERVICES 2016 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> Ms. Pereira serves as AREHNA's project manager on this contract. She oversees all aspects of coordination, invoicing, reporting and quality control.		
<b>C</b>	<b>Hillsborough County Subsurface Testing and Inspection</b> Hillsborough County, Florida	PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> Ms. Pereira oversees this contracts that includes verification testing on several County infrastructure improvement projects. These projects included the design and construction of three (3) consolidated hardened maintenance facilities located within the county.		
<b>D</b>	<b>Dale Mabry Water Treatment Plant Diversion (Design-Build)</b> Tampa, Florida	PROFESSIONAL SERVICES 2015 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> AREHNA provided field testing and inspections for this Hillsborough County Wastewater Consolidation project. Six miles of 24-inch and 36-inch diameter transmission main and a new pump station are being built to transfer wastewater flows from this facility to the Northwest Regional Water Reclamation Facility. Approximately six miles of 20-inch and 30-inch diameter reclaimed water pipeline is being installed to return reclaimed water from the Northwest Regional Water Reclamation Facility back to the Dale Mabry site.		
<b>E</b>	<b>West Pasco Pipeline Improvements Project</b> Pasco County, Florida	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> Ms. Pereira served as the Project Manager and was responsible for coordination and oversight of the geotechnical and construction materials testing (soils, concrete and asphalt) on the project. The project included the construction of 7 miles of new 36 and 42-inch waterline thru the Starkey Wilderness Park.		




**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

	12. NAME <b>Andrew Sway, PhD. PG, EI</b>	13. ROLE ON THIS CONTRACT <b>Engineering Geologist/Engineer Intern</b>	14. YEARS EXPERIENCE	
			a. Total <b>20</b>	b. With Current Firm <b>&gt;1</b>
15. FIRM NAME AND LOCATION (City and State) <b>AREHNA Engineering, Inc., Tampa, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>PhD Material Engineering and Science (Geotechnical Engineering) South Dakota School of Mines and Technology, South Dakota</b>  <b>Master of Science, Geology   University of Yangon</b>  <b>Bachelor of Science   University of Yangon</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>N/A</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Dr. Sway has over 20 years of academic and industrial experience in the fields of Geology, Geological, and Geotechnical Engineering. He also has training and experience in statistical and numerical analysis, analytical and mathematical modeling of reinforced soil, advanced theory and experimental mechanics of soil and rock, slope engineering for soil and rock, theory and application of earth structures, analytical and digital modeling of the groundwater flow system, petrology and petrogenesis of hard rock and geomorphology and engineering geology for surficial deposits. Dr. Sway has conducted land subsidence and sinkhole investigations for some of the largest commercial and residential insurers in Florida and performs geotechnical exploration and engineering evaluation for some of the largest commercial and residential developers in Florida. He also serves as a Certified Neutral Evaluator with the Florida Department of Financial Services mediating a sinkhole loss and the method of repair and remediation in residential buildings.				

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>A</b>	<b>DeCubellis Road Extension – Starkey Blvd. Improvements</b> Pasco County, Florida	PROFESSIONAL SERVICES 2022 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Geologist Professional/EI:</b> This project consists of roadway widening from 2 to 4 lanes as well as a new 2-lane bridge structure. Dr. Sway coordinated and oversaw drilling and laboratory testing programs and performed engineering analysis and reporting. <span style="float: right;">✓ Check if project performed with current firm</span>		
<b>B</b>	<b>Districtwide Geotechnical and Materials Testing Continuing Services Contract</b> District 7, Florida	PROFESSIONAL SERVICES 2022 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Geologist Professional/EI:</b> Dr. Sway coordinates all field activities under this contract, which has included geotechnical explorations and pavement coring programs. He also classifies pavement cores and prepares pavement condition survey reports. <span style="float: right;">✓ Check if project performed with current firm</span>		
<b>C</b>	<b>Pinellas County Geotechnical and Materials Testing Services</b> Pinellas County, Florida	PROFESSIONAL SERVICES 2022 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Geologist Professional/EI:</b> AREHNA is currently supporting multiple ongoing transportation projects for several resurfacing projects and roadway improvements. Dr. Sway's responsibilities include field coordination, asphalt sampling and testing, concrete and field soil densities and drilled shaft testing and inspections. <span style="float: right;">✓ Check if project performed with current firm</span>		
<b>D</b>	<b>South County Water Transmission Main</b> Hillsborough County, Florida	PROFESSIONAL SERVICES 2022 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Geologist Professional/EI:</b> This project consists of a proposed 42-inch to 48-inch diameter water transmission main pipeline to be constructed using open-cut construction methods at anticipated depths of approximately 4 to 10 feet below the existing ground surface. The proposed alignment includes a new, approximately 11.5-mile-long, water pipeline along Balm Riverview Road through private lands to West Lake Drive, and along SR 674 in the Riverview/Wimauma area of Southeast Hillsborough County, Florida. AREHNA performed soil borings and corrosion testing along the alignment and provided geotechnical recommendations for the design. <span style="float: right;">✓ Check if project performed with current firm</span>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

	12. NAME <b>G. Stephen Long, PE</b>	13. ROLE ON THIS CONTRACT <b>Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>9</b>	b. With Current Firm <b>9</b>

15. FIRM NAME AND LOCATION (City and State) <b>AREHNA Engineering, Inc., Tampa, Florida</b>
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16. EDUCATION (Degree and Specialization) <b>Bachelor of Science, Civil Engineering University of South Florida</b>	17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 85403</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Mr. Long began his career as a project engineer in 2013 after graduating with his Bachelor of Science in Civil Engineering degree. Mr. Long’s experience includes coordination and oversight of subsurface exploration and geotechnical report preparation in the public and private sector. His experience in materials testing has ranged from threshold inspections and field and lab testing of soils, concrete and asphalt to review, quality control and reporting of field and lab testing during the construction phase on a variety of projects. Mr. Long has extensive laboratory testing experience including modified proctor testing, grain size analysis testing, private sector Limerock Bearing Ratio (LBR) testing, organic content testing, corrosion testing, soil permeability testing & consolidation testing.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Pinellas County Geotechnical and Materials Testing Services</b> Pinellas County, Florida	PROFESSIONAL SERVICES 2017 - Ongoing	CONSTRUCTION (If applicable)

**A** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  
**Project Engineer:** Mr. Long is responsible for overseeing quality control testing for this contract that includes a County-Wide Asphalt Testing Program for multiple resurfacing projects. Testing has included field and laboratory testing as well as asphalt plant inspection services.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Districtwide Geotechnical and Materials Testing Continuing Services Contract</b> District 7, Florida	PROFESSIONAL SERVICES 2016 - Ongoing	CONSTRUCTION (If applicable)

**B** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  
**Project Engineer:** Mr. Long serves as AREHNA’s Project Engineer for this task order continuing services contract. Responsibilities include field and laboratory testing, field coordination, quality control and pavement coring.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Adrian Avenue &amp; Gladys Street, Largo - FDOT District Seven</b> Pinellas County, Florida	PROFESSIONAL SERVICES 2016 - 2017	CONSTRUCTION (If applicable)

**C** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  
**Geotechnical/Materials Engineer:** This project consisted of sidewalk construction, turnouts, drainage improvements, and water and sewer modifications on Adrian Avenue and Gladys Street. The materials testing scope for this project consisted of pipe backfill density testing and inspection, concrete testing and testing for pavement restoration.


(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>19th Avenue Water/Wastewater/Reclaimed Water Pipelines</b> Hillsborough County, Ruskin, Florida	PROFESSIONAL SERVICES 2016 - 2019	CONSTRUCTION (If applicable)

**D** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  
**Geotechnical Engineer:** AREHNA served as the geotechnical engineer of record on this Design-Build project. The purpose of our geotechnical study was to obtain information on the general subsurface soil conditions at the project site. The construction runs along 19th Avenue in Ruskin, Florida. The pipeline alignments are surrounded by residential and agricultural areas.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Waterfront District Downtown Chilled Water Lines</b> Tampa, Florida	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)

**E** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  
**Geotechnical/Materials Engineer:** AREHNA provided geotechnical and materials testing and inspection services for the construction of the chilled water lines in the Channelside redevelopment area in Tampa. Mr. Long oversees quality control testing and inspection services under this contract.

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

	12. NAME <b>Annabella Hullen, PE</b>	13. ROLE ON THIS CONTRACT <b>Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>6</b>	b. With Current Firm <b>5</b>
15. FIRM NAME AND LOCATION (City and State) <b>AREHNA Engineering, Inc., Tampa, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Bachelor of Science, Civil Engineering University of South Florida</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 91485</b>	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)


Ms. Hullen has 5 years of experience in the field of geotechnical engineering. Ms. Hullen oversees report development and geotechnical analysis of deep and shallow foundations. Ms. Hullen executes soil classification in accordance with AASHTO and ASTM classification systems and evaluates subsurface materials with respect to the project characteristics. Additionally, she coordinates laboratory testing on selected soil samples and performs quality control on laboratory results.

Ms. Hullen has been responsible for site reconnaissance and evaluation of site conditions prior to subsurface explorations and has done geotechnical drilling oversight in both private and public sector projects. In addition, Ms. Hullen has been responsible for ensuring quality of drilled shaft installation by observation, inspection, documentation of drilled shaft placement and assisting in preparation of Foundation Certification Letters.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>A</b>	<b>City of St. Petersburg Geotechnical Engineering Contract</b> St. Petersburg, Florida	PROFESSIONAL SERVICES 2017 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Engineer:</b> The work included a variety of transportation and utility replacement projects. Ms. Hullen coordinated and oversaw drilling and laboratory testing programs and performed engineering analysis and reporting.		
<b>B</b>	<b>Districtwide Geotechnical and Materials Testing Continuing Services Contract</b> District Seven, Florida	PROFESSIONAL SERVICES 2019 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Engineer:</b> Ms. Hullen coordinates all field activities under this contract, which has included geotechnical explorations and pavement coring programs. She also classifies pavement cores and prepares pavement condition survey reports.		
<b>C</b>	<b>Pinellas County Geotechnical and Materials Testing Services</b> Pinellas County, Florida	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Engineer:</b> AREHNA is currently supporting multiple ongoing transportation projects for several resurfacing projects and roadway improvements. Ms. Hullen's responsibilities include field coordination, asphalt sampling and testing, concrete and field soil densities and drilled shaft testing and inspections.		
<b>D</b>	<b>City of Tampa Architecture/Engineering Contract</b> Tampa, Florida	PROFESSIONAL SERVICES 2016 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Engineer:</b> Ms. Hullen's responsibilities included geotechnical scope development and cost estimation, boring layout, utility coordination, soil classification, geotechnical analysis, and preparation of recommendations for pavements, drainage and site preparation for multiple City of Tampa Public Works projects.		
<b>E</b>	<b>City of Zephyrhills General Engineering Contract</b> Zephyrhills, Florida	PROFESSIONAL SERVICES 2016 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Engineer:</b> Ms. Hullen served as the project engineer for this task order contract and provided field coordination and geotechnical engineering services for the construction of a new Public Library and City Hall Building.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

	12. NAME <b>Andy Tao, PE</b>	13. ROLE ON THIS CONTRACT <b>Geotechnical Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>5</b>	b. With Current Firm <b>4</b>
15. FIRM NAME AND LOCATION (City and State) <b>AREHNA Engineering, Inc., Coral Springs, Florida</b>				

16. EDUCATION (Degree and Specialization) <b>Master of Science, Civil Engineering, Geotechnical Focus University of Florida</b> <b>Bachelor of Science, Civil Engineering University of Florida</b>	17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 88520</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Mr. Tao has provided geotechnical engineering services on numerous geotechnical explorations over the past 5 years including roadways, commercial/residential high-rise buildings, residential developments, and industrial, military, medical, commercial, and educational facilities. Mr. Tao assists in report development and geotechnical analysis of deep and shallow foundations as well as retaining walls and stormwater facilities. Mr. Tao executes soil classification in accordance with AASHTO and ASTM classification systems and evaluates subsurface materials with respect to the project characteristics. Additionally, he coordinates laboratory testing on selected soil samples and performs quality control on laboratory results.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>A</b>	<b>Hillsborough County Subsurface Testing &amp; Inspection Contract</b> Hillsborough County	PROFESSIONAL SERVICES 2020 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;">✓ Check if project performed with current firm</span> <b>Project Engineer:</b> AREHNA provided geotechnical engineering and construction oversight services under this continuing services contract. Projects have included multiple County sites for Hardened Maintenance Facilities and support of other County developments. Geotechnical explorations to obtain information on the general subsurface conditions of the proposed structures, stormwater facilities and parking lots.		
<b>B</b>	<b>City of Tampa – A/E Work Order Contract</b> Tampa, Florida	PROFESSIONAL SERVICES 2018 – Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;">✓ Check if project performed with current firm</span> <b>Geotechnical Engineer:</b> Mr. Tao’s responsibilities included geotechnical scope development and cost estimation, boring layout, utility coordination, soil classification, geotechnical analysis, and preparation of recommendations for pavements, drainage and site preparation for multiple City of Tampa Public Works projects.		
<b>C</b>	<b>District-Wide Materials Testing Geotechnical</b> District Six, Miami, Florida	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;">✓ Check if project performed with current firm</span> <b>Geotechnical Engineer:</b> AREHNA Provides geotechnical engineering services on an as needed basis including exploration and evaluation of general subsurface conditions, subsurface borings and classification of soils, laboratory testing of materials, engineering analysis of soil conditions.		
<b>D</b>	<b>COSP NWWRF Reject Storage Tanks</b> St. Petersburg, Florida	PROFESSIONAL SERVICES 2022 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;">✓ Check if project performed with current firm</span> <b>Geotechnical Engineer:</b> AREHNA provided geotechnical engineering services for this project which includes construction of two 7.5 MG Ground Storage Tanks, covered and 200 feet in diameter with side wall heights of 35 feet. Mr. Tao oversees field coordination, soil sampling, laboratory testing, analysis and design recommendations.		
<b>E</b>	<b>Continuing Services Landscape Architecture Design/Production Services</b> Broward County, Florida	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;">✓ Check if project performed with current firm</span> <b>Geotechnical Engineer:</b> AREHNA is providing on an as-needed basis geotechnical engineering services on this task order contract to include soil classification, laboratory testing of materials and engineering analysis.		

# ARCHITECT - ENGINEER - QUALIFICATIONS

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Carlos Roberto Lemos</b>	<b>13. ROLE IN THIS CONTRACT</b> Chief Executive Officer/Contract Manager	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL 50	b. WITH CURRENT FIRM 28
<b>15. FIRM NAME AND LOCATION (City and State)</b> Ambient Technologies, Inc., St. Petersburg, Florida			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> BA; Engineering Geology Post Graduate Courses, Master's Program Geology		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Licensed/Registered Professional Geologist, Georgia, North Carolina, South Carolina, and Florida Certified Professional Geologist, American Institute of Professional Geologists, since 1985	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Florida Association of Professional Geologists, Board of Directors, 2001-2006 American Institute of Professional Geologists Association of Engineering Geologists Metro Roma Subway Studies and Construction Fellowship, Rome, Italy, 1974 South Carolina Advisory Committee, Chairman, Standard for Well Construction, Maintenance, Operation, and Abandonment, 1982 to 1985 South Carolina Review Board. Siting a High-Level Nuclear Waste Repository, 1984-1985 Chamber of St. Petersburg Commerce Central Council, Chairman, 1996-1997 Advisory Board, Department of Public Affairs, City of St Petersburg, Florida, 2005-2006			
19. RELEVANT PROJECTS			
a.	<b>(1) TITLE AND LOCATION (City and State)</b> Comprehensive Everglades Restoration Plan, Lake Okeechobee Fast Track Project, Taylor Creek/Nubbin Slough, Okeechobee,	<b>(2) YEAR COMPLETED</b>	
		<b>PROFESSIONAL SERVICES</b> 2007-2010	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Perform pricing, review and negotiated contract and monitor costs Florida Contract Manager Approximate Fees: \$900,000			
b.	<b>(1) TITLE AND LOCATION (City and State)</b> Panama Canal Expansion, Third Set of Locks, Panama	<b>(2) YEAR COMPLETED</b>	
		<b>PROFESSIONAL SERVICES</b> 2009-2016	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Developed Client, Project Logistics, Prepared Proposal and negotiated contract for performing geotechnical drilling and geo instrumentation for the new locks on the Atlantic and Pacific side of the Canal. The project. was performed in several phases and lasted approximately 5 years. Project Director Approximate Fees: \$2,500,000.			
c.	<b>(1) TITLE AND LOCATION (City and State)</b> Crosstown Expressway Collapse Study, Tampa, Florida	<b>(2) YEAR COMPLETED</b>	
		<b>PROFESSIONAL SERVICES</b> 2006	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Perform pricing, review and negotiated contract and monitor costs. Oversight of drilling operations involving more than 50 borings, Contract Manager Approximate Fees: \$455,750.			
d.	<b>(1) TITLE AND LOCATION (City and State)</b> Well Installation and Abandonments Hillsborough County, Florida	<b>(2) YEAR COMPLETED</b>	
		<b>PROFESSIONAL SERVICES</b> 2006-2016	<b>CONSTRUCTION (If applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Developed projects, prepared pricing, review and negotiated contract and monitored costs. Managed project including installation of more than 20 monitoring wells at various landfill locations and abandonment of water supply wells. Contract Manager Approximate Fees: \$350,000.			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Michael J. Wightman</b>	13. ROLE IN THIS CONTRACT Principal Geophysicist/President	14. YEARS EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 21

15. FIRM NAME AND LOCATION *(City and State)*  
GeoView, Inc., St. Petersburg, Florida  
Subsidiary of Ambient Technologies, Inc.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
BS, Geology  
MS, Geophysics/Hydrogeology

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*  
Licensed Professional Geologist, Florida and California  
(FL #1423, CA #6500)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Environmental & Engineering Geophysical Society - Member  
President USF Geological Alumni Association  
Professional Certification in operation of several types of geophysical instrumentation  
Florida Association of Environmental Professionals  
Provided multiple presentations at professional conferences and published in peer-reviewed journals on the use of geophysical instrumentation in Geotechnical and Infrastructure Evaluation Studies

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Tampa Road Site, Palm Harbor, FL Geological Site Characterization	2021	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed and supervised fieldwork for a combined ground penetrating radar (GPR) and MASW (multiple analysis of surface waves) project to identify buried karst (sinkhole) features along a 4,000 ft portion of Tampa Road between Lake St. George Drive and US 19. Investigation was performed to help determine cause of on-going subsidence within a portion of Tampa Road. Approximate Fees: \$42,000		
b.	North Woodlawn Cemetery Investigation, Fort Lauderdale, FL Archeological Site Characterization - Janus Research	2015 - 2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed and supervised ground penetrating radar (GPR) study to identify historic abandoned and unmarked graves near and within FDOT right of way along Interstate I-95 near Fort Lauderdale, FL. Approximately Fees: \$12,500		
c.	ACMS Landfill Site, Sumter County, FL Geological Site Characterization	2018	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed and supervised fieldwork for a ground penetrating radar (GPR) study to assess the possible presence and location buried paleo-karst (sinkhole) geological features within 300-acre area within planned landfill expansion. Over 105 miles of continuous GPR data collected and evaluated. Approximate Fees: \$28,000.		
d.	Del Webb Stone Creek Residential Development, Ocala, FL Geological Site Characterization - Andreyev	2017-2018	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed and supervised fieldwork for an electrical resistivity imaging (ERI) ground penetrating radar (GPR) study to assess the possible presence and location buried paleo-karst (sinkhole) geological features within 300-acre area within several ponds and multiple areas of on-going sinkhole-related collapse. Continuing contract total of \$85,000 invoiced to date.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Marcelo Passos Ferreira dos Reis, MSc.</b>	<b>13. ROLE IN THIS CONTRACT</b> VP ATI Companies, LLC and Drilling Operations Manager	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL 24	b. WITH CURRENT FIRM 21
<b>15. FIRM NAME AND LOCATION (City and State)</b> ATI Companies, LLC, St. Petersburg, Florida - Subsidiary of Ambient Technologies, Inc.			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> MS, Marine Biology BS, Marine Science		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Theory and Practice of Applying Subsurface Interface Radar in Engineering and Geophysical Investigations, Certified by GSSI	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Environmental Management Systems Auditor/Lead Auditor Training Course, Certified by Bureau Veritas Quality International (BVQI) and International Register of Certified Auditors (IRCA)CSX Corporation Safety Training Certification Waste Management, NADC- Federal University of Rio de Janeiro, Brazil			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Geotechnical Drilling Services - Duke Energy Citrus and Tiger Bay Subsurface Investigation at Two Future Solar Farms Project Sites	2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Ambient Technologies and GeoView Team conducted Geotechnical Drilling and Utility Clearance at the Duke Energy Citrus and Tiger Bay Solar Farms Project Sites. Split Spoon Sampling was used to obtain soil samples. The challenge at this site is the presence of groundwater at less than 5-ft of depth and the overwhelming presence of sand and mud. At this site the practices of drilling, sampling, and testing introduced substantial bias into some laboratory and field measurements and final geotechnical site characterization. Approximate Fees: \$43,000		
b.	Spring Hill – 14240 Merchant Energy Way – Energy Plant	2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Geotechnical Drilling using CME 45B with automatic hammer: twenty (20) SPT borings to 80 ft and one (1) SPT boring to 30 ft. SPT (with automatic hammer) continuously to 10 ft and 5 ft center. Install 3" PVC casing to 80 ft each for borehole geophysics reading on the borings. Grout once the work is completed. Approximate Fees: \$35,550		
c.	Geotechnical Drilling and Geophysical Investigation to Determine the Impact of Mining Near Colon, Panama, Upon Availability of Groundwater for the Recently Expanded Panama Canal	November 2016 – January 2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ambient Technologies, through its international affiliate ATI Panamaricana S.A., completed a major drilling, coring, sampling and geophysical project at the Argos Mine in Colon, Panama. The crew drilled a 312 feet (95m) HQ coring hole and installed a 289 ft (88m) deep 2-inch diameter piezometer so water levels could be monitored at depth. The holes were continuously cored to collect rock samples with an HQ double-core barrel and HW casing. Once the rock core drilling reached its final depth, the piezometer was installed and developed. An ACKER XSL track mounted rig was utilized for the project. ATI Companies also performed a geophysical investigation. Readings of electrical resistivity using the Schlumberger 4-pin method with maximum spread lengths of up to 2,625 ft (800 m) were performed in ten locations. In addition to the 4-pin testing, several electrical resistivity tomography (ERT) transects were performed. The ERT data was collected with an AGI 112-channel system using a 20 ft (6 m) spacing between individual electrodes. This information was used to both characterize the site geology and to help determine the required depth for the piezometer. Approximate Fees: \$51,000		
d.	City of Tampa Waste Transfer	Nov. 2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Geotechnical drilling using a CME 45B with automatic hammer and Environmental drilling using a GEOPROBE 7700. Over 800 ft of SPT continuous sampling drilling. Using Direct Push (DPT) with a GEOPROBE 7700, 5 MW'S were installed to 30 ft each and undisturbed macrocores samples were taken. Approximate Fees: \$20,000		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Chad Hall</b>	<b>13. ROLE IN THIS CONTRACT</b> Field Operations Manager/Senior Crew Chief	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL 25	b. WITH CURRENT FIRM 22
<b>15. FIRM NAME AND LOCATION (City and State)</b> ATI Companies, LLC, St. Petersburg, Florida - Subsidiary of Ambient Technologies, Inc.			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> High School and Vocational School		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Licensed Water Well Driller #9443	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> OSHA-Certified Health and Safety for Hazardous Waste Operations, 40-Hour Course and Update Courses TECO (Tampa Electric Company) Safety Training Certification CSX Corporation Safety Training Certification OSHA-Certified Health and Safety for Hazardous Waste Operations, 40-Hour Course and Update Courses Florida Groundwater Association			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Closed Landfill Engineering/Environmental Services, Hillsborough County, Florida	2009-ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Supervised/conducted drilling fieldwork for a hydrogeologic investigations to characterize subsurface hydrogeologic conditions and mechanical and physical properties of subsurface soils; used conventional and DPT drilling. Geotechnical and Environmental Drilling Approximate Fees: \$200,000		
b.	MacDill Air Force Base, Tampa, Florida	1998-ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted conventional drilling and direct-push technology (DPT) drilling for hydrogeologic investigations of underground storage tanks (USTs) and landfill investigations and well abandonment. Environmental Drilling Approximate Fees: \$750,000		
c.	Tampa International Airport, Florida Environmental Drilling	1998 – ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted conventional drilling and direct-push technology (DPT) drilling for hydrogeologic investigations of petroleum contamination assessments at UST facilities. Approximate Fees: \$250,000		
d.	Florida Department of Transportation Rights-of-Way, District 7, various sites Environmental Drilling	2005-ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted conventional drilling and direct-push technology (DPT) drilling for hydrogeologic investigation of or contamination assessments along highway rights-of-way. Environmental Drilling Approximate Fees: \$300,000		
e.	TheoChem - Hanna Avenue and Idlewood Avenue, Hillsborough County, Florida	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted Cement Coring and Installation Injection Wells services to investigate a deep and intermediate plume at the old TheoChem plant in Tampa, Florida. Approximate Fees: \$25,000		



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Scott Purcell</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Senior Geophysicist</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL 28	b. WITH CURRENT FIRM 14

**15. FIRM NAME AND LOCATION (City and State)**

GeoView, Inc., St. Petersburg, Florida  
Subsidiary of Ambient Technologies, Inc.

**16. EDUCATION (DEGREE AND SPECIALIZATION)**

2004-2007 - M.S. Coursework, Hydrogeology/Geophysics-University of South Florida  
1999 B.S., Zoology-University of South Florida  
1988 B.A., Psychology-University of South Florida

**17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)**

**18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)**

Certified Ground Penetrating Radar Operator by GSSI  
Certified Electrical Resistivity Imaging Operator by AGI  
Certified Ohm-Mapper CCR Operator by Geometrics  
Certified Seismic MASW, and Refraction Operator by Geometrics  
Stake University (Nationally Recognized Electronic Utility Locator Certification)  
OSHA-Certified Health and Safety, Hazardous Waste Operations, 40-Hour Course & Annual Updates  
Certified P.A.D.I. SCUBA Diver

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Ground Penetrating Radar surveys to determine the presence and location of voids beneath the airport runways MacDill Air Force Base, Tampa, FL	2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted GPR survey using an integrated global positioning system (GPS) to determine the presence and location of voids beneath the airport runways as part of a geotechnical site assessment Approximate Fees: \$26,000		
b.	Hydrogeologic study for a new Aquifer Storage and Recovery (ASR) well. Port Everglades, FL	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Multi-Electrode electrical resistivity imaging survey to map water injection plumes as part of a Hydrogeologic study a new ASR. Approximate Fees: \$10,500		
c.	Geotechnical Investigations throughout the State of Florida (Karst and General Geology)	2009-ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ground Penetrating Radar (GPR) and Multi-Electrode electrical resistivity Imaging (ERI) surveys to determine the presence of karst (sinkhole) or deleterious soil features as part of geotechnical site investigations for insurance subsidence claims, structural integrity investigations, and/or predevelopment geotechnical site investigations throughout the State of Florida  Approximate Fees: \$350,000		
d.	Geophysical Investigations using Multiple Technologies to determine Sublayer Discontinuities and Potential Karst formations along I-4, Florida	2011	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Frequency Domain Electromagnetic (FDEM) EM-31 and Profiler EMP-400, GPR, Seismic Multi-Channel Analysis of Surface Wave (MASW), and CCR surveys to determine the presence and locations of muck lenses and deleterious soils beneath roadways along Interstate 4, FL  Approximate Fees: \$26,000.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> Roger Clint	<b>13. ROLE IN THIS CONTRACT</b> Senior Geophysical Technician	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL 9	b. WITH CURRENT FIRM 2
<b>15. FIRM NAME AND LOCATION (City and State)</b> GeoView, Inc., St. Petersburg, Florida Subsidiary of Ambient Technologies, Inc.			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> 2006-2006 – Associates Degree Mott Community Collage in Criminal Science and Applied Science		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b>	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Certified Ground Penetrating Radar Operator by GSSI Stake University (Nationally Recognized Electronic Utility Locator Certification) OSHA-Certified Health and Safety, Hazardous Waste Operations, 40-Hour Course & Annual Updates OSHA 10 Hour Construction Safety and Health Course Certified Drone Pilot			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a	Moffit Cancer Center On-Going Utility Designation Contract Moffit Cancer Center, Tampa, FL	2020-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm On going contract to designated underground utilities in planned and current areas of construction as part of the expansion of the hospital. Typical assignments range from 0.5 to 3 days. Results are provided on scaled AutoCAD site maps. Utility positioning obtained using GPS system with sub-foot accuracy. Approximate Fees: \$20,000		
b	Tallevast Road Superfund Site, Sarasota, FL	2008-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm On-going contract to designated underground utilities in public right of ways where pipelines associated with an area-wide groundwater remediation system is present. Contract requirements that response for an required designation be provided with 72-hours of authorization. Approximate Fees: \$95,000		
c	Tampa Bay Water Bypass Canal, Tampa, FL	2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project to identify all underground utilities or other subsurface obstructions in the planned areas for geotechnical testing around water transmission line. Utility designation results were confirmed using vacuum excavation. Approximate Fees: \$5,480		
d	P-475 F35 Maintenance Hanger Communications Route, Marine Corps Air Station, Beaufort, South Carolina	2011	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Identification and mapping of all underground utilities along a 4,200 foot long by 20 ft wide corridor along the planned route of an updated communication line. All identified underground ground utilities were identified on the ground surface and results were documented on a AutoCAD site map. Positional accuracy of all underground utilities was +/- 1 ft  Approximate Fees: \$15,300.		

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

**1**

21. TITLE AND LOCATION *(City and State)*

**Pasco County Utilities Continuing Services**  
Pasco County, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

**2020 - Ongoing**

CONSTRUCTION *(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**Pasco County Board of County Commissioners**

b. POINT OF CONTACT NAME

**Mr. Ivan Martinez, P.E.**

c. POINT OF CONTACT TELEPHONE NUMBER

**813-235-6189 ext. 6979**  
**imartinez@pascocountyfl.net**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

AREHNA serves as the prime consultant for this continuing services contract providing geotechnical engineering and materials testing and inspections services. This contract supports Capital Improvement Programs (CIP) as well as other programs related to infrastructure improvements, water, wastewater, reclaimed water, and solid waste systems for the Utilities department, Public Infrastructure Branch.

Scope includes geotechnical services that support design and construction activities, field investigations and laboratory testing, studies, geotechnical analysis and reports for a variety of utility and solid waste projects.

**Project Include:**

- Little Road WTP Pumping System Upgrades
- Boyette HS Pumps Upgrade
- Crabtree Lane Water Line Relocation
- Pineapple Lane Depressions
- Pasco Spring Lake Water Main



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>a.</b>	AREHNA Engineering, Inc.	Tampa, Florida	Prime Consultant – Geotechnical Engineering & Materials Testing
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

**2**

21. TITLE AND LOCATION *(City and State)*

**Tampa Premium Outlets facility**  
Pasco County, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**2012 - 2014**

CONSTRUCTION *(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**Simon Property Group**  
Client: Kimley-Horn and Associates, Inc.

b. POINT OF CONTACT NAME

**Mr. Nathan Lee, PE**

c. POINT OF CONTACT TELEPHONE NUMBER

**813-635-5588**  
**nathan.lee@kimley-horn.com**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The project site is located southwest of the intersection of SR 56 and I-75 in Pasco County, Florida and consisted of a 50± acre development with outlet mall structures as well as outparcels occupied by additional shops, restaurants, bank facility, and paved parking. The purpose of our geotechnical exploration was to obtain information concerning the subsurface soil conditions at the site.

AREHNA performed geotechnical engineering services including exploration and evaluation of general subsurface conditions, subsurface borings and classification of soils, test pits, laboratory testing of materials, engineering analysis of soil conditions, and made site recommendations.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>a.</b>	AREHNA Engineering, Inc.	Tampa, Florida	Subconsultant - Geotechnical
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

20. EXAMPLE PROJECT KEY NUMBER

**3**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION <i>(City and State)</i> <b>Pinellas County Geotechnical &amp; Materials Testing Contract</b> Pinellas County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION <i>(if applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>Pinellas County Department of Public Works</b>	b. POINT OF CONTACT <b>Mr. Wesley Merritt Project Coordinator</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>727-464-8821 wmerritt@co.pinellas.fl.us</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

AREHNA is currently supporting multiple ongoing transportation projects. AREHNA has performed Contractor Quality Control testing as an extension of the County under this contract. Asphalt sampling and testing for several resurfacing projects and roadway improvement has been underway. Concrete and field soil densities were performed and FDOT log books have been maintained under this contract. Drilled shaft testing and inspections have been performed, as well as extensive asphalt testing and inspection.

- ◆ Haines Road (Pinellas County)
- ◆ 22nd Avenue N Drainage Improvements (Pinellas County)
- ◆ Madeira Beach Road Improvements (Pinellas County)
- ◆ Countywide Asphalt Testing and Inspection
- ◆ ST. Pete Clearwater Airport – various projects



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME AREHNA Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Prime Consultant - Geotechnical Engineering & Materials Testing Services
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

20. EXAMPLE PROJECT KEY NUMBER

**4**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION <i>(City and State)</i> <b>City of Tampa A/E Work Order Contract</b> Tampa, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2013 - Ongoing</b>	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City of Tampa Stormwater Department</b>	b. POINT OF CONTACT <b>Barbara Graves</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>813-274-8963</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This Work Order Contract for the City of Tampa has included several projects for the City's Stormwater and Transportation Department. AREHNA has performed several geotechnical explorations under this contract. Pavement evaluation and a drainage study were also part of various tasks. Services included Standard Penetration Test borings, auger borings, installation of piezometers, permeability testing, pavement cores and laboratory classification testing. Recommendations for design and site preparation were provided. Projects have included:

- Cleveland Street Improvements
- Peer Review of Hyde Park Seepage Study
- Kensington Ave. Area Drainage Study and Improvements
- Marjorie Ave., Albany Ave. & Howard Ave. Pavement and Drainage Improvements
- David E. West Park Pond Enhancement



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>AREHNA Engineering, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Tampa, Florida</b>	(3) ROLE <b>Prime-Geotechnical</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

20. EXAMPLE PROJECT KEY NUMBER

**5**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION (City and State)

**Hillsborough County Subsurface Testing & Inspection Contract**  
Hillsborough County, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2018 – Ongoing

CONSTRUCTION  
(If applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**Hillsborough County Board of County Commissioners**  
Public Works Department

b. POINT OF CONTACT NAME

Max Montel, P.E., Ph.D.

c. POINT OF CONTACT TELEPHONE NUMBER

(813) 307-4773  
Email: MontelM@HCFLGov.net

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

AREHNA serves as the Prime Consultant on this continuing services contract task order contract and provides geotechnical engineering and construction oversight services. Projects have consisted of geotechnical engineering, as well as construction testing and inspection services for County facilities. Multiple sites for Hardened Maintenance Facilities (CHMF) and support of other County developments, such as libraries. Each CHMF facility consists of a hardened (Cat 5) office/warehouse building (40,000 - 50,000 square feet); and additional fleet services building with vehicle bays. All locations include site work including parking, utilities, outdoor storage, canopies etc.

Geotechnical explorations were performed to obtain information on the general subsurface conditions of the proposed structures, stormwater facilities and parking lots.

**Projects have included:**

- ◆ Rhodine Consolidated & Hardened Maintenance Facility
- ◆ Columbus Drive CHMF
- ◆ Sheldon Road CHMF
- ◆ Rhodine Mass Grading
- ◆ Riverview Library



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>a.</b>	AREHNA Engineering, Inc.	Tampa, Florida	Prime Consultant - Geotechnical Engineering & Materials Testing Services
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

20. EXAMPLE PROJECT KEY NUMBER

**6**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION <i>(City and State)</i> <b>City of Tarpon Springs</b> <b>Geotechnical &amp; Construction Materials Testing Services Contract</b> Tarpon Springs, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2019 - Ongoing</b>	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City of Tarpon Springs</b> 324 Pine Street Tarpon Springs, Florida 34688	b. POINT OF CONTACT NAME <b>Mr. Nick Makris, PMP</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>727-942-5610, ext. 2271</b> <b>nmakris@ctsfl.us</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

AREHNA serves as the Prime Consultant on this Professional Services Engineering task order contract and provides, on an as-needed basis, Geotechnical Engineering Services to include soil exploration, geotechnical exploration testing, roadway materials testing, foundations studies, construction materials sampling testing and reporting, pavement evaluation and reporting. The work also consists of precautionary and emergency sinkhole evaluation/assessment and remediation/stabilizing using various methods including compaction grouting, jet grouting, caissons, sheet piles, and structural underpinning.

**Projects have included:**

- ◆ Tarpon Springs Golf Course Depression
- ◆ City of Tarpon Springs Manhole Investigation – Multiple Locations
- ◆ City of Tarpon Springs Yard Waster Depression
- ◆ Division Street Waterline



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>AREHNA Engineering, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Tampa, Florida</b>	(3) ROLE <b>Prime</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

20. EXAMPLE PROJECT KEY NUMBER

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

**7**

21. TITLE AND LOCATION *(City and State)*

**City of St. Petersburg Geotechnical and Materials Testing**  
St. Petersburg, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**2017 - Ongoing**

CONSTRUCTION  
*(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

**City of St. Petersburg**  
Engineering and Capital Improvements Department

b. POINT OF CONTACT

**Mr. Brejesh Prayman, P.E.,  
ENV SP, M.ASCE**

c. POINT OF CONTACT TELEPHONE NUMBER

**727-893-7295**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

AREHNA Engineering, Inc. serves as the geotechnical engineer of record. Work under this contract was performed on a task order basis to support the City with geotechnical testing and consulting services. The work includes a variety of bridge replacements, transportation and utility replacement projects. Services performed include drilling, laboratory testing, engineering analysis and reporting as needed by City of St. Petersburg. All projects have included coordinating utility locations and providing maintenance of traffic to allow access to boring and exploration locations. Projects under this contract include:

- Sunshine Center - Geotechnical and Forensic Investigation
- Snell Isle Bridge Replacement
- Overlook Drive NE Bridge Replacement



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

<b>a.</b>	(1) FIRM NAME AREHNA Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Prime - Geotechnical
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

20. EXAMPLE PROJECT KEY NUMBER  
**8**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION <i>(City and State)</i> <b>Sinkhole Geotechnical Engineering Services</b> Statewide, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2011 - Ongoing</b>	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

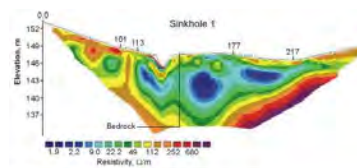
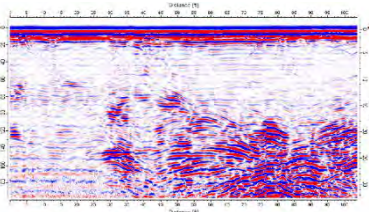
a. PROJECT OWNER <b>Owner: Confidential</b>	b. POINT OF CONTACT	c. POINT OF CONTACT TELEPHONE NUMBER
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

AREHNA serves as the prime geotechnical consultant for multiple large property insurance companies, including the State of Florida's largest insurer. Services under this contract have included subsidence investigations, sinkhole testing, site characterization, peer review, expert testimony and emergency response services.

The scope of work performed under these assignments have varied based on project specifics, however typical projects have included the following:

- ◆ A review of soil and topographic data and review of nearby sinkhole activity
- ◆ Documentation of property damage and chronology
- ◆ Comprehensive field investigations including geophysical techniques such as Ground Penetrating Radar and Electrical Resistivity Imaging, floor elevation surveys, soil test borings, auger borings and foundation test pits
- ◆ Laboratory testing programs
- ◆ Foundation settlement analysis
- ◆ Recommendations for repair/remediation and cost estimates
- ◆ Construction monitoring



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME <b>AREHNA Engineering, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Tampa, FL</b>	(3) ROLE <b>Prime - Geotechnical</b>
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

**9**

21. TITLE AND LOCATION *(City and State)*

**City of Zephyrhills Engineering Contract**  
Zephyrhills, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**2014 - 2018**

CONSTRUCTION  
*(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**City of Zephyrhills**

b. POINT OF CONTACT

**Mr. Shane LeBlanc**

c. POINT OF CONTACT TELEPHONE NUMBER

**813-780-0022 x3561**  
**sleblanc@ci.zephyrhills.fl.us**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

AREHNA provided geotechnical engineering services on multiple projects under this task order contract Services included drilling and laboratory testing, engineering analysis and reporting.

**Projects have included:**

- ◆ City of Zephyrhills City Hall Building - (13,497 sq. ft.)
- ◆ City of Zephyrhills Public Library - (8,500 sq. ft.)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	AREHNA Engineering, Inc.	Tampa, Florida	Subconsultant - Geotechnical
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

20. EXAMPLE PROJECT KEY NUMBER

**10**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION *(City and State)*

**Florida Department of Transportation, Districtwide Geotechnical Engineering & Materials Testing Continuing Services Contract**  
District 7, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**2018 - Ongoing**

CONSTRUCTION *(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**Florida Department of Transportation**

b. POINT OF CONTACT NAME

**Mr. Joseph Lee, PE**

c. POINT OF CONTACT TELEPHONE NUMBER

**863-519-4227**

**Joseph.Lee@dot.state.fl.us**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

AREHNA provides geotechnical engineering & laboratory material verification testing under this Districtwide Contract. Tasks have supported a variety of projects, including geotechnical intersection and roadway improvements to geotechnical field testing for bridges and pavement cores to provide information for resurfacing projects that the Department has underway. Samples are brought to AREHNA's Tampa facility by the FDOT's CEI Inspection staff and laboratory samples are processed and entered in the FDOT's MAC system. Testing has included soil property testing, including moisture content testing, Atterberg limits, gradation, direct shear testing, corrosion series testing, proctor testing and limerock bearing ratio (LBR) testing. Concrete cylinders are measured, cured and tested for compressive strength. Maintaining the quality and integrity of the data, timeliness of testing, accurate data entry and proper invoice tracking is critical to the success of the contract.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME <b>AREHNA Engineering, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Tampa, Florida</b>	(3) ROLE <b>Prime</b>
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

## G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Jessica McRory, PE	Sr. Geotechnical Engineer	X	X	X	X	X	X	X	X	X	X
Amanda Pereira, PE	Sr. Materials Engineer	X	X	X	X	X	X	X	X	X	X
Kevin Hill, PE	Sr. Geotechnical Engineer	X			X	X	X		X		X
Kirk Eastman, PE	Sr. Geotechnical Engineer			X	X	X	X	X			X
Andy Tao, PE	Geotechnical Engineer			X	X	X					X
Stephen Long, PE	Materials Engineer		X	X	X			X		X	X
Annabella Hullen, PE	Geotechnical Engineer			X	X	X		X			X
April Schmitz	Lab Manager	X	X	X	X	X	X	X	X	X	X
Andrew Sway	Engineering Geologist/Eng. Intern			X			X				X
Michael Wightman, PG	Geophysicist	X	X		X	X	X	X	X	X	X

## 29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	<b>Pasco County Utilities Continuing Services</b> Pasco County, Florida	6	<b>City of Tarpon Springs Geotechnical &amp; Construction Materials Testing Services Contract</b> Tarpon Springs, Florida
2	<b>Tampa Premium Outlets facility</b> Pasco County, Florida	7	<b>Miscellaneous Professional Services for Geotechnical Materials Testing and Inspection Continuing Services Contract</b> St. Petersburg, Florida
3	<b>Pinellas County Geotechnical Engineering and Materials Testing Contract</b> Pinellas County, Florida	8	<b>Sinkhole Geotechnical Engineering Services</b> Statewide, Florida
4	<b>City of Tampa A/E Work Order Contract Wastewater Department, Stormwater Department and Transportation Department</b> Tampa, Florida	9	<b>City of Zephyrhills Engineering Contract</b> Zephyrhills, Florida
5	<b>Hillsborough County Subsurface Testing &amp; Inspection Contract</b> Hillsborough County, Florida	10	<b>Districtwide Geotechnical Engineering &amp; Materials Testing Contract</b> FDOT District Seven, Florida

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

### GEOTECHNICAL ENGINEERING

AREHNA provides comprehensive site analyses and expertise in underground exploration and design. Geotechnical services commence with project planning and design and extend into construction.

#### Field Exploration

Thorough geotechnical exploration is fundamental to the planning of site development and design structures, utilities and roadways. AREHNA's highly qualified professionals are skilled in a wide variety of exploration techniques including Standard Penetration Testing, Cone Penetration Testing and Geophysical Surveys to characterize sites.

#### Drilling and Field Services

AREHNA has experienced, in-house drilling capabilities allowing us the flexibility to control the schedule and minimize costs. The following are field services typically performed:

- Soil Boring and Sampling
- Shallow Auger Boring
- Standard Penetration Test borings
- Hollow Stem Auger Borings
- Piezometer Installation
- Borehole Permeability Testing
- Double Ring Infiltration Testing
- Test Pits
- Pavement Coring



We perform in-house drilling and have three drill rigs:

1. Tracked-mounted BR-2500 drill rig – ideal for tight access.
2. Truck-mounted CME 45 with Auto-hammer
3. Truck-mounted CME 45

#### Groundwater Level Determination

Seasonal high groundwater levels and hydraulic conductivity values of soils are integral to the design process for storm water removal from any site. AREHNA supplies information to design team members for use in development of grading plans relative to soils and topography encountered on-site.

#### Foundation Analysis

From power plants to commercial high-rises to FDOT bridges, AREHNA's professional staff utilizes their extensive experience to fully evaluate structure load and soil conditions. We perform detailed settlement and bearing capacity analysis for each project. Whether it is for a shallow footing system or a deep foundation system, we provide our clients with a thorough foundation analysis and comprehensive recommendations. Our experience includes a wide range of foundation systems including driven piles, mats, drilled shafts, auger cast piles and multiple ground improvement techniques.

#### Pavement Analysis

AREHNA personnel have extensive experience providing designs for new and rehabilitated pavements. Pavement thickness designs are developed using standard design methods and the results of laboratory testing. Optimal pavement repair strategies are developed to evaluate special situations where pavement performance has not met expectations and provide objective pavement evaluation to determine the causes of less than desired performance. Our recommendations are based upon AASHTO design methods, and reflect requirements of the Florida Department of Transportation and the Federal Highway Administration.

#### Slope Stability Analysis

Performing slope analysis requires detailed knowledge of soil strength parameters such as friction angle and cohesion obtained through field exploration and laboratory testing. AREHNA's experienced staff has performed numerous slope stability analyses on natural and fill slopes. We also provide recommendations for stabilization of existing unstable slopes, such as installation of retaining structures, erosion control measures, and soil nailing.

## Geosynthetics

AREHNA's engineers have utilized geosynthetics in the stabilization of soft subgrade soils, mechanically stabilized earthen structures, foundation reinforcement, retaining walls, pavement reinforcement, filters, and separation layers.

## CONSTRUCTION MATERIALS TESTING AND INSPECTION

Specifications are enforced through quality control in construction. Systematic testing of construction materials is the means by which the architect, engineer, or owner can be sure that materials being used by the contractor are of the quality specified.

AREHNA is staffed and equipped to provide trained engineering technicians at the construction site to perform required tests and inspections related to soils, concrete and pavement systems. Additionally, our in-house, AMRL and CCRL inspected, construction materials laboratory performs laboratory testing on soil, asphalt and concrete samples. All field and laboratory testing is reviewed by engineers who have previous experience with materials testing and inspection services required for the construction of structures, roads, bridges, parking lots, and airfields.

### Soil and Rock Testing

Soils are tested in AREHNA's laboratory to define soil properties, characteristics, and to determine the optimum moisture content and maximum dry density of different soils. Findings are used to determine compliance with project specifications, as well as to identify possible constructability issues. We have assembled an outstanding team of technicians, engineers and geologists to provide test results with high regard to quality. Following is a list of soils tests performed by our in-house laboratory and field technicians:

- Moisture-Density Relationship of Soils (Modified and Standard Proctor Tests)
- In-Place Density testing using Nuclear Density gauges, drive sleeves and/or sand cone method
- Moisture Content of Soils
- Organic Content
- % Finer than a No. 200 Sieve (-200 wash)
- Particle Size Analysis of Soils by Hydrometer
- Liquid and Plastic Limits of Soils (Atterberg Limits)
- Grain-Size Analysis
- Classification of Soils (Unified System)
- Direct Shear
- Consolidation
- Triaxial Testing
- Expansion Index of Soils
- pH Testing of Soils
- Corrosion Series Testing (includes pH, sulfates, chlorides and resistivity testing)
- Splitting Tensile Testing
- Unconfined Compression Testing
- Gradation of Soils Using Sieve Analysis
- Limerock Bearing Ratio
- California Bearing Ratio
- Specific Gravity of Soils
- Sand Equivalent Test



### Concrete, Grout and Mortar Testing

Our engineering technicians are ACI and CTQP certified and have inspected, sampled and tested the concrete on numerous public and private sector projects. The concrete testing services our laboratory currently provides are listed below:

- Molding, Curing, Capping and Compressive Strength Testing of cylinders, cubes and grout prisms
- Slump and Temperature
- Unit Weight of Freshly Mixed Concrete
- Air Content of Freshly Mixed Concrete by Volumetric Method
- Air Content of Freshly Mixed Concrete by Pressure Method
- Concrete Coring
- Flow testing of grout (flow cone method)

## Asphalt Testing

Laboratory services for asphalt include mix design verification, along with other associated tests such as extraction and gradations testing. AREHNA's staff has extensive experience with Superpave and Marshall mix designs. AREHNA provides field and laboratory testing services and is familiar with the requirements of the Florida Department of Transportation, Federal Aviation Administration, the Federal Highway Administration, as well as local municipalities and agencies. In addition, AREHNA also has CTQP Certified Asphalt Plant Technicians. Our laboratory currently provides the following asphalt concrete testing:

- Asphalt Content by Ignition Method
- Mechanical Analysis of HMA
- Maximum Specific Gravity of Hot Mix Asphalt (RICE testing)
- Bulk Specific Gravity of Compacted Hot Mix Asphalt
- Asphalt Coring



## Aggregate Testing

The quality of aggregates can be determined through laboratory testing. The following is a list of the testing performed by AREHNA's laboratory:



- Sampling Aggregates
- Material Finer Than No. 200 Sieve
- Organic Impurities in Sands
- Sieve Analysis of Aggregates
- Fine Aggregate Specific Gravity and Absorption
- Coarse Aggregate Specific Gravity and Absorption
- LA Abrasion Testing
- Moisture Content of Aggregate by Oven Drying

## Fireproof and Coating Testing

AREHNA performs visual and physical tests to identify the condition of the substrates, thickness of the application, density, bond strength, adhesion/cohesion, condition of the finished application, inspection of patching for sprayed fiber and cementitious fire-resistive materials. The tests include:

- Thickness and Density of SFRM Applied to Structural Members
- Cohesion/Adhesion of SFRM Applied to Structural Members

## Construction Monitoring and Inspection

When a project enters the construction phase, our team is ready to support the project with inspections, observations, and field testing. Some of these services include:

- Compaction and Chemical Grout Monitoring
- Augercast Pile Monitoring
- Vibroreplacement Monitoring
- Foundation Excavation Inspection
- Drilled Shaft Monitoring
- Pile Driving Monitoring
- Load Test Monitoring
- Soil Anchors/Tie-back Anchor Monitoring
- Vibration Monitoring
- Post-Tensioned Concrete Monitoring



## Quality Control

Stringent quality assurance and quality control procedures provide results engineers can rely on as they consider recommendations. A dedicated QA/QC manager is responsible for all quality aspects of work performed under each contract.



**Accreditation**

AREHNA's laboratory is FDOT approved, US Army Corps of Engineers Validated, AASHTO accredited inspected by AMRL (AASHTO Materials Reference Laboratory), CCRL (Cement and Concrete Reference Laboratory). AREHNA participates in the AASHTO Proficiency Sample Program. Our laboratory is AASHTO R18, ASTM E329, C1077 and D3740 accredited.



**US Army Corps of Engineers**



**I. AUTHORIZED REPRESENTATIVE**

The foregoing is a statement of facts.

31. SIGNATURE

*Jessica McRory*

32. DATE

September 12, 2022

33. NAME AND TITLE

**Jessica A. McRory, PE, LEED AP, President**



# ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

**N/A**

## PART II - GENERAL QUALIFICATIONS

2a. FIRM (OR BRANCH OFFICE) NAME <b>AREHNA Engineering, Inc.</b>			3. YEAR ESTABLISHED <b>2009</b>	4. DUNS NUMBER <b>8304133303</b>
2b. STREET <b>5012 W. Lemon St.</b>			<b>5. OWNERSHIP</b>	
2c. CITY <b>Tampa</b>			2d. STATE <b>Florida</b>	2e. ZIP CODE <b>33609</b>
6a. POINT OF CONTACT NAME AND TITLE <b>Jessica McRory, PE, LEED AP, President</b>			a. TYPE <b>Corporation</b>	
6b. TELEPHONE NUMBER <b>813-944-3464</b>			6c. E-MAIL ADDRESS <b>jmcroly@arehna.com</b>	
6a. POINT OF CONTACT NAME AND TITLE <b>Jessica McRory, PE, LEED AP, President</b>			b. SMALL BUSINESS STATUS <b>MBE, DBE, WMBE, DW/DMBE</b>	
			7. NAME OF FIRM (If block 2a is a branch office) Not Applicable	
8a. FORMER FIRM NAME(S) (If any) Not Applicable			8b. YR. ESTABLISHED Not Applicable	8c. DUNS NUMBER Not Applicable

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS			
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)	
		(1) FIRM	(2) BRANCH				
27	Foundation/Geotechnical Engineer	11	2	S05	Soils and Geologic Studies: Foundations	6	
57	Structural Engineer	2	1				
58	Technician/Analyst	7					
15	Construction Inspector	17	1				
02	Administrative	9	1				
<b>Other Employees</b>							
<b>Total</b>		46					

<p>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i></p> <table style="width: 100%;"> <tr> <td>a. Federal Work</td> <td style="text-align: center;">1</td> </tr> <tr> <td>b. Non-Federal Work</td> <td style="text-align: center;">6</td> </tr> <tr> <td><b>c. Total Work</b></td> <td style="text-align: center;"><b>6</b></td> </tr> </table>	a. Federal Work	1	b. Non-Federal Work	6	<b>c. Total Work</b>	<b>6</b>	<p style="text-align: center;">PROFESSIONAL SERVICES REVENUE INDEX NUMBER</p> <table style="width: 100%;"> <tr> <td>1. Less than \$100,000.</td> <td>6. \$2 million to less than \$5 million</td> </tr> <tr> <td>2. \$100,000 to less than \$250,000</td> <td>7. \$5 million to less than \$10 million</td> </tr> <tr> <td>3. \$250,000 to less than \$500,000</td> <td>8. \$10 million to less than \$25 million</td> </tr> <tr> <td>4. \$500,000 to less than \$1 million</td> <td>9. \$25 million to less than \$50 million</td> </tr> <tr> <td>5. \$1 million to less than \$2 million</td> <td>10. \$50 million or greater</td> </tr> </table>	1. Less than \$100,000.	6. \$2 million to less than \$5 million	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million	4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million	5. \$1 million to less than \$2 million	10. \$50 million or greater
a. Federal Work	1																
b. Non-Federal Work	6																
<b>c. Total Work</b>	<b>6</b>																
1. Less than \$100,000.	6. \$2 million to less than \$5 million																
2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million																
3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million																
4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million																
5. \$1 million to less than \$2 million	10. \$50 million or greater																

12. AUTHORIZED REPRESENTATIVE	
The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE 9/12/2022
c. NAME AND TITLE Jessica McRory, President	

# ARCHITECT - ENGINEER - QUALIFICATIONS

1. SOLICITATION NUMBER (If any)  
 Geotechnical, Soil, And Related Testing  
 Services Wiregrass II Community  
 Development District RFQ


## PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Ambient Technologies, Inc. & Subsidiaries			3. YEAR ESTABLISHED 1993	4. DUNS NUMBER 831074224
2b. STREET 4610 Central Avenue – Suite A			<b>5. OWNERSHIP</b>	
			a. TYPE Corporation	
2c. CITY St. Petersburg	2d. STATE Florida	2e. ZIP CODE 33711	b. SMALL BUSINESS STATUS MBE, SDB, DBE, SBE	
6a. POINT OF CONTACT NAME AND TITLE Carlos Lemos, P.G. President			7. NAME OF FIRM (If block 2a is a branch office)	
6b. TELEPHONE NUMBER (727) 328-0268		6c. E-MAIL ADDRESS <a href="mailto:carlos@ambienttech.com">carlos@ambienttech.com</a>		
8a. FORMER FIRM NAME(S) (If any) N/A			8b. YR. ESTABLISHED N/A	8c. DUNS NUMBER N/A

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
	Drillers	2	NA		Well Drilling - Monitoring	4
	Technicians	12			Geotechnical Drilling	2
	Drillers Helpers	2			Geophysical Survey	6
	Professional Geologists	4			Utility Locating	3
	Administrative – Accounting - Marketing	6				
	GIS	1				
	Other Employees					
<b>Total</b>		<b>27</b>				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	3	1 Less Than \$100,000	2 \$100,000 to less than \$250,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million
b. Non-Federal Work	6	3 \$250,000 to less than \$500,000	4 \$500,000 to less than \$1 million	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million
<b>c. Total Work</b>	<b>6</b>	5 \$1 million to less than \$2 million		10. \$50 million or greater	

<b>12. AUTHORIZED REPRESENTATIVE</b> The foregoing is a statement of facts.	
a. SIGNATURE <div style="text-align: center; font-size: 2em; margin-top: 20px;">  </div>	b. DATE September 6, 2022
c. NAME AND TITLE Carlos Lemos, President	



# Section 3

STAFF QUALIFICATIONS & EXPERIENCE

## KEY PERSONNEL

**The staff proposed for this contract are available and will be assigned to the contract.** The key staff can be dedicated to the contract as necessary and AREHNA is committed to make all required resources available to the District to successfully execute this contract. This contract is very important to AREHNA and our staff.

Our engineers have many years of geotechnical engineering and materials testing experience on contracts very similar to this one. Our staff understands the dynamic of successfully executing miscellaneous services contracts. The AREHNA Team will be led by Jessica McRory, PE who will serve as Project Manager with Kevin Hill, PE will serve as the Assistant/Substitute Project Manager. The following is a brief introduction to key members of our team:



**Jessica A. McRory, PE, LEED AP, Principal Engineer, Senior Geotechnical Engineer**

Ms. McRory has managed the geotechnical aspects of testing, design and construction for over a thousand engineering projects in the past 18 years. Her involvement has included analysis and evaluation of soil conditions pertaining to proposed construction and ongoing construction projects. Project experience has ranged from major FDOT contracts to single-family residences, Department of Housing and Urban Development. Other responsibilities have included coordinating geotechnical field and laboratory testing, as well as construction materials testing services. Evaluations have included soil and groundwater conditions, determining soil bearing capacity and consolidation characteristics and analyzing the performance of various types of

foundation systems. Ms. McRory has provided recommendations for shallow foundations, various ground improvement techniques and deep foundation systems including driven piles, drilled shafts and auger cast piles.



**Kevin Hill, PE, PMP, Assistant/Substitute Project Manager, Senior Geotechnical Engineer**

Mr. Hill has over 15 years of experience in technical direction of geotechnical engineering projects, geotechnical field investigations, project management and analyses for numerous public and private sector clients. His experience includes working on numerous projects in the areas of subsidence (sinkhole) investigations and sinkhole/structure stabilization. Geotechnical projects include project management and geotechnical design of shallow and deep foundation systems for commercial, industrial and residential structures, bridges and sanitary/water system structures and waste phosphatic clay and organic soil stabilization, as well as providing design soil parameters and recommendations for roadway embankments, pavement including airport taxiways, aprons and

parking areas, landfills, MSE walls, mast arm poles, stormwater ponds, retaining walls, pipelines, storage tanks, pond clay liners and monitoring wells. His technical experience includes soil classification, seepage analysis, settlement analysis, slope stability analysis and various soil stabilization/improvement techniques.



**Amanda S. Pereira PE, Project Manager, Senior Geotechnical & Materials Engineer**

Ms. Pereira has over 26 years of progressive experience in the fields of geotechnical engineering and construction material testing and inspection. Her experience includes coordination and oversight of subsurface explorations, geotechnical report preparation, shallow and deep foundation inspections and testing, multi-story threshold inspections, review, quality control and reporting of field and laboratory testing for soils, concrete, asphalt and structural steel during the construction phase on a variety of projects. Her experience has been gained both in the public and private sector on a variety of infrastructure projects including urban and rural roadways, airports, water and wastewater facilities, pipelines, commercial and

private buildings, subdivisions, site suitability and due diligence studies and commercial sites.



**Kirk M. Eastman, PE, Senior Geotechnical Engineer, Contract QA/QC**

Mr. Eastman has 29 years of experience in the field of geotechnical engineering. He has managed multiple FDOT District Wide Contracts for Districts 1 and 7 over a 26-year period. He has also served as project manager for multiple major projects. His experience includes roadway, bridge, pond and retaining wall projects where he has performed shallow and deep foundation analyses including driven piles, settlement and slope stability analyses. He has also worked on vibration monitoring projects and performed numerous ground subsidence studies.



**G. Stephen Long, PE, Assistant Project Manager, Materials Engineer**

Mr. Long served as an Intelligence Analyst in the United States Army, then began his career as a project engineer in 2013 after graduating with his BSCE. Mr. Long's experience includes coordination and oversight of subsurface exploration and geotechnical report preparation in the public and private sector. His experience in materials testing has ranged from threshold inspections and field and lab testing of soils, concrete and asphalt to review, quality control and reporting of field and lab testing during the construction phase on a variety of projects. Mr. Long has extensive laboratory testing experience, including modified proctor testing, grain size analysis testing, Limerock Bearing Ratio (LBR) testing, organic content testing, corrosion testing, soil permeability testing & consolidation testing.



**Andy Tao, PE, Geotechnical Engineer**

Mr. Tao has provided engineering services on numerous geotechnical explorations over the past 6 years including roadways, commercial/residential high-rise buildings, residential developments, and industrial, military, medical, commercial, and educational facilities. Mr. Tao assists in report development and geotechnical analysis of deep and shallow foundations, as well as retaining walls and stormwater facilities. He performs soil classification in accordance with AASHTO and ASTM classification systems and evaluates subsurface materials with respect to the project characteristics. Additionally, he coordinates laboratory testing on selected soil samples and performs quality control on laboratory results. Mr. Tao has been responsible for site reconnaissance and evaluation of site conditions prior to subsurface explorations and has done geotechnical drilling oversight in both private and public sector projects.



**Anna Hullen, PE, Geotechnical Engineer**

Ms. Hullen has 7.5 years of experience. She leads projects with geotechnical analysis of deep and shallow foundations, pavement analysis and report development. Ms. Hullen oversees soil classification in accordance with AASHTO and ASTM classification systems and evaluates subsurface materials with respect to the project characteristics. Additionally, she coordinates laboratory testing on selected soil samples and performs quality control on laboratory results.



**April Schmitz, Laboratory Manager**

Ms. Schmitz has over 14 years of experience in the geotechnical and materials testing and inspection field. She has served as a Geotechnical Field Technician, Project Coordinator and Field Supervisor responsible for training technicians on quality testing and inspection procedures. She has provided inspection services and quality control laboratory and field testing of soils, asphalt and concrete. Ms. Schmitz's experience includes a wide variety of projects including transportation-related projects, water/wastewater projects and commercial development.



**Andrew Sway, PhD. PG, EI**

Dr. Sway is an Engineering Geologist/Engineer Intern with over 20 years of academic and industrial experience in the fields of Geology, Geological, and Geotechnical Engineering. He also has training and experience in statistical and numerical analysis, analytical and mathematical modeling of reinforced soil, advanced theory and experimental mechanics of soil and rock, slope engineering for soil and rock, theory and application of earth structures, analytical and digital modeling of the groundwater flow system, petrology and petrogenesis of hard rock and geomorphology and engineering geology for surficial deposits. Dr. Sway has conducted land subsidence and sinkhole investigations for some of the largest commercial and residential insurers in Florida and performs geotechnical exploration and engineering evaluation for some of the largest commercial and residential developers in Florida. He also serves as a Certified Neutral Evaluator with the Florida Department of Financial Services mediating a sinkhole loss and the method of repair and remediation in residential buildings.



**Michael Wightman, P.G., Senior Geophysicist, GeoView**

Mr. Wightman has over 21 years as the President & Co-Founder of GeoView. He has practiced geology in the State of Florida for over 29 years and has been a licensed geologist in the state for 26 years. Mr. Wightman is an expert in karst geology and in the application of geophysical tools to assess karst conditions. He is President and Co-Founder of GeoView, Inc which is the largest and most-capable geophysical services firm in the Southeastern United States. The majority of these investigations have involved either karst characterization, hydrogeological or environmental site assessments.

**KEY LEADERSHIP**

Ms. McRory will serve as the Project Manager and the District's single point of contact for this contract. She has over 18 years of experience and has successfully managed similar PRIME contracts for Pasco County, Pinellas County, City of St. Petersburg, FDOT, City of Tarpon Springs, City of Tampa, Hillsborough County, Tampa Bay Water and Tampa Electric Company. Her background in the technical aspects of geotechnical field investigation and design, and construction materials testing, along with her project management experience make her the ideal Project Manager for this contract. In anticipation of the variety of potential work tasks under this contract, we have created 2 task teams to efficiently support the contract: Geotechnical and Construction Materials Testing. A task lead has been identified to lead each team.

Mr. Hill will serve as the Assistant/Substitute Project Manager for geotechnical related tasks. He brings over 15 years of geotechnical knowledge and experience to the AREHNA Team. His experience includes roadway, bridge, retaining walls, retention ponds and ground subsidence studies where he has performed shallow and deep foundation analyses, retaining wall and soil anchor system design, settlement and slope stability analyses, and pavement evaluation.

Ms. Pereira will serve as the task manager for all construction field and laboratory testing and inspection services under this contract. Ms. Pereira has over 26 years of progressive experience in the fields of geotechnical engineering and construction material testing and inspection. She has extensive experience managing materials testing services on a variety of infrastructure improvements including task-based contracts such as this contract for the District.

**PERSONNEL STAFFING MATRIX**

In addition to our engineering staff, we have a qualified group of laboratory and field technicians and inspectors. The following matrix presents the FDOT (CTQP) and ACI certifications held by our staff. All staff presented on the organizational chart have experience in the roles in which they are being proposed. Our staff also includes a pool of CTQP, ACI and FDOT construction inspectors and technicians that are available to serve the District.

Technician / TIN No.	Nuclear Density Gauge Certified Operator	Earthwork Construction Inspector Level I	Earthwork construction Inspector Level II	Asphalt Paving Level I	Asphalt Paving level II	Asphalt Plant Level I	Asphalt Plant Level II	ACI Concrete Field Technician Level I	ACI Concrete Strength Testing Technician	FDOT Concrete Field Inspector Spec	FDOT Concrete Lab Tech Spec	CTQP Concrete Field Technician Level I	ACI Concrete Lab Technician Level I	ACI Concrete Lab Technician Level II	CTQP Concrete Lab Technician Level I	CTQP Concrete Lab Technician Level II	CTQP Concrete Batch Plant Operator	CTQP Aggregate Testing Technician	CTQP Aggregate Base Testing Technician	ACI Aggregate Base Testing Technician	ACI Aggregate Testing Technician	LBR Technician	Qualified Sampler Technician	Aggr Cast Pits	Pile Driving Inspector	Drilled Shaft Inspector	MOT Intermediate Level Certification	MOT Advanced Level Certification	QC Manager
Adams, David	x																												
Cotto, John C300461941720	x	x		x				x		x		x															x		
Dodson, Blake D325062964210	x	x						x																					
George, Frank Jr. G620264762220	x																										x		
Greene, David G650161984470									x				x		x			x	x	x	x	x	x	x					
Hullen, Annabella D222000925241																								x					
Kirby, Jacob K610425341330	x	x		x	x	x	x	x		x		x																	x
Long, Stephen L520297823270	x																												
Mathew, Joy M300420543270									x									x	x	x	x	x	x						
Nunes, Keith N520519680140	x	x	x	x	x			x																				x	
Orellana, Winston O645881631350	x	x	x			x		x	x	x		x	x					x	x	x	x	x	x						
Pereira, Amanda P660017715070	x																												x
Schmitz, April S532013837220	x	x	x			x	x	x	x	x		x	x					x	x	x	x	x	x	x	x				x
Schenning, Brendan S552061802840													x		x														
Selbert, Matt S163550954070	x																												
Teslicko, Dave T242160601400	x			x	x																			x					x
Wilson, Elmer W425212630980	x	x				x		x																					



## EXPERIENCE AND PAST PERFORMANCE

AREHNA prides itself on our ability to support project teams with innovative and comprehensive geotechnical engineering, and materials testing and inspection services. On every project, we evaluate the most favorable geotechnical solutions considering all project details including feasibility and construction budgets. This is a short list of contracts that represents the thousands of successful general engineering projects that we have completed in the past 13 years. In addition to public sector experience, we do have extensive experience with site development for single and multi-family developments as well as commercial developments for private clients. Much of the work that we have executed has been under contracts very similar to this contract, so we understand the dynamics and know what it takes to properly manage and support our clients. AREHNA's services on all of these projects were completed on-time and on-budget.

### Similar Prime Contracts that AREHNA holds:

- Pasco County Continuing Services Contracts for Utilities - Public Services
- City of Tampa A/E contract
- City of Tarpon Springs Geotechnical & Materials Testing
- City of St. Petersburg Geotechnical & Materials Testing
- Pinellas County Geotechnical & Materials Testing
- Hillsborough County Geotechnical & Materials Testing
- FDOT District 1 & District 7 DW Materials & Testing CEI Support Continuing
- Hillsborough County Pavement Engineering, Subsurface Investigation, and Inspection Services
- FDOT District 7 Geotechnical & Materials Testing
- Tampa Bay Water Geotechnical & Materials Testing
- City of Tampa - Geotechnical Services for Shoreline Restoration
- City of Largo Continuing Services – Geotechnical
- City of Pinellas Park - General Engineering Services – Geotechnical
- City of Clearwater- General Engineering Services – Geotechnical
- City of Treasure Island - General Engineering Services – Geotechnical and Environmental
- City of Madeira Beach – Geotechnical Services
- City of North Port – Continuing Services Contracts for Utilities
- City of Lakeland – Professional Geotechnical Engineering Services

### Geotechnical and Construction Materials Testing Support for Water and Wastewater Contracts

- Miscellaneous A/E Services Contract for Potable Water, Wastewater and Reclaimed Water Projects, Manatee County, Florida
- Shangri-La FM Extension Shangri-La Force Main Extension Drainage Improvements, Design/Build Hillsborough County, Florida
- Mid County Gravity Sewer and Lift Station, Wilshire Estates, Dunedin, Florida
- City of Tampa, Dazzo Pump Station, Tampa, Florida
- East WRF Generator Improvement, Clearwater, Florida
- Manatee County Utility Engineering
- Alafia Pump Station, Hillsborough County, Florida
- Logan Booster Pump Station, Largo, Florida
- South County Repump Water Main, Hillsborough County, Florida
- Gibsonton Sewer Project, Hillsborough County, Florida
- NWWRF Reject Storage Tanks, St. Petersburg, Florida
- Dale Mabry Water Treatment Plant Diversion, Tampa
- Peace River Water Treatment Facility Expansion, DeSoto County, Florida

- City of Tampa, Westshore Boulevard Watermain Replacement, Tampa, Florida
- City of Tampa West River Interceptor Diversion, Tampa, Florida
- David L. Tippin Water Treatment Facility Chemical System Improvements - Design-Build, Tampa, Florida
- Palmetto EQ Basin Storage Tank, Palmetto, Florida
- MacDill AFB Containment Tank Addition, Tampa, Florida
- San Carlos Pumping Station (Design-Build), Tampa, Florida
- Maniscalco Water Main, Hillsborough County, Florida
- Falkenburg Water Treatment Plant Expansion, Tampa, Florida
- Tampa Bay Water Regional Facility Expansion, Tampa, Florida
- Dale Mabry Headworks Expansion, Tampa, Florida
- Tampa Bay Water S. Central Intertie Pump Station, Tampa, Florida
- NW Regional Wastewater Treatment Plant, Hillsborough County, Florida
- South County Water Reclamation Facility – Hillsborough County, Florida
- 19th Avenue Water/Wastewater/Reclaimed Water Pipelines, Hillsborough County, Ruskin, Florida
- Bellview Avenue Lift Station New Port Richey, Florida
- Howard F. Curren Wastewater Treatment Plant – Sludge Drying Beds, Tampa, Florida

**Geotechnical Support for Prime Contracts**

- FDOT D4, D1 and D7 – Geotechnical & Materials Testing
- City of Tampa Engineering Contract Wastewater Department, Tampa, Florida
- Hillsborough County Public Safety Complex Design-Build Hillsborough County, Florida
- Tampa Bay Water Geotechnical Engineering and Materials Testing Contract, Florida
- City of St. Petersburg Consulting Services for Stormwater Management Services, St. Petersburg, Florida
- City of Zephyrhills General Engineering Contract
- City of St. Petersburg, Misc. Stormwater Mgmt., Transportation & Bridge Improvement Projects
- Hillsborough County Department of Public Works Geotechnical and Materials Testing, Tampa, Florida
- City of Largo General Engineering Contract
- City of Temple Terrace General Engineering Contract
- Hillsborough County Misc. Engineering Services, Transportation Development & Design
- Hillsborough County Stormwater Continuing Services Contract
- Hillsborough County Miscellaneous CEI Services
- Southwest Florida Water Management District General Engineering Contract
- Pinellas County Miscellaneous Transportation and Utility Projects
- City of Tampa Engineering Contract, Tampa, Florida
- City of Dunedin, General Engineering Contract
- Port Tampa Bay Geotechnical Engineering and Materials Testing Contract, PTB, Florida



# Section 4

APPROACH

## APPROACH

AREHNA is prepared and available to perform all work included in the work areas outlined in the RFQ. We will provide qualified personnel and equipment to provide inspection, sampling, testing, and reporting of data for all construction materials area of work.

AREHNA's primary workload is made up of continuing services contracts just like this so we have a firm grasp on what it takes to be successful. Communication is key and we have streamlined our project management and scheduling processes and procedures to allow us to be efficient and timely, particularly on continuing services contracts.

- **SCHEDULE:** AREHNA uses a tracking system that incorporates calendar notifications to ensure that our engineers and technicians are where they need to be with the information required to execute the task.
- **BUDGET:** AREHNA's accounting system includes budget tracking, which provides regular reports describing project labor charges, direct costs to the project, and relative percent of the fee utilized. This assists in tracking revenues and staffing needs.

The following summarizes how we typically utilize controls to maintain both **schedule** and **budget** and how we intend to for this contract.

**Experienced Project Management** - The responsibility for directing the performance of all work will be assigned to our Project Manager, Jessica McRory. She will be responsible for project management, assignment of tasks, personnel supervision and review of reports for all services performed. Ms. McRory will be directly responsible for ensuring that the AREHNA Team's services are performed in a timely and professional manner and within the budgets allocated for the assigned project. Ms. McRory will be the direct point of contact for the District's Contact and will coordinate her schedule to accommodate the meeting and reporting needs of the District. She can be reached 24/7 on her cell phone at 813-758-4465. Ms. McRory will be supported by Mr. Kevin Hill, PE who will service as the Assistant Project Manager.

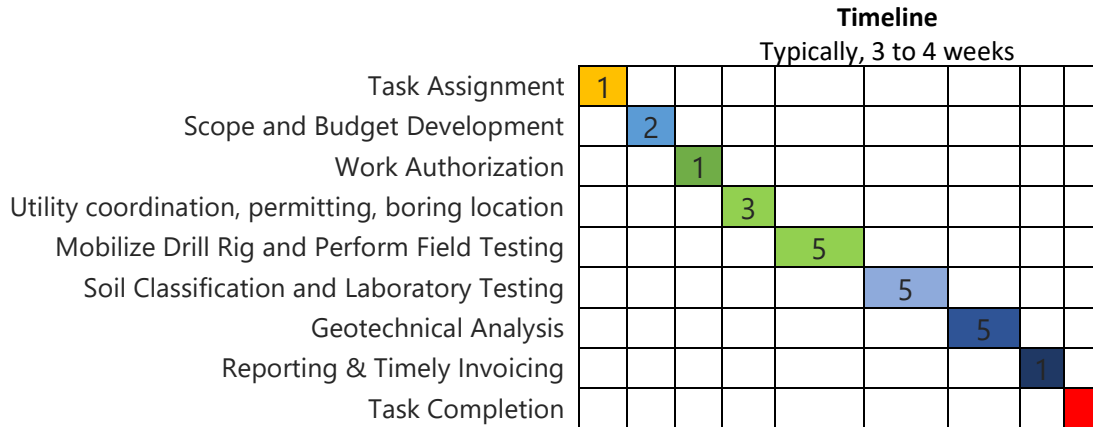
AREHNA is committed to ensuring that services flow smoothly and have identified Mr. Kevin Hill, PE and Ms. Amanda Pereira, PE as the task managers for geotechnical and construction services, respectively. Task Managers will assist Ms. McRory in executing the contract successfully and adding value to the contract. Ms. McRory will hold biweekly internal meetings to review active work orders with respect to the schedules and budgets to ensure each task stays on track.

**Streamlined Project Task Assignment** - While a variety of tasks may be assigned under this contract, our process will be consistent from a management perspective. To avoid confusion and ensure tasks are handled efficiently and effectively, we offer a single point of contact for all new task orders, AREHNA's Project Manager, Jessica McRory. Upon receipt of the Work Order, we will coordinate with the District's Contact to gain an understanding of the objective of the project, define any project issues or concerns and get an understanding of the desired schedule. Based on our experience with similar projects or specific site characteristics, we will provide input for scope adjustments that may need to be made to ensure that the goals of the project are met. Once in agreement on the scope, AREHNA will prepare a detailed proposal outlining the scope items, schedule and budget.

Upon receipt of the Work Authorization from the District, the project is immediately set up internally. The project scope, schedule and budget are defined in our internal tracking system and internal staff are assigned to the task, as needed based on qualifications and availability. Our timesheet system allows us to pull reports at any time to monitor the effort hitting a particular project or task. For larger projects, the system tracks testing quantities to ensure the Project Manager can look at the project and get a real time picture of % complete and the level of effort spent on each task. This visibility has been extremely helpful to keeping our projects on time and on-budget. We will communicate with the District throughout the task to keep all parties up to date on the progress of field work, lab testing, reporting and analysis.

All AREHNA deliverables are subject to a stringent QA/QC process to ensure that the final product is accurate, clearly communicated and free of error. Deliverable is then ready for submission to the District in the manner outlined in the Work Order. The following is a process for a typical geotechnical assessment.

### TYPICAL PROCESS FOR SIMPLE GEOTECHNICAL TASKS



Because we own our equipment, we have control and are well prepared to meet the most aggressive schedules. We will coordinate and keep the District informed throughout the task execution process.

### MATERIALS TESTING TASKS

**Document Submission** - At the kick-off of each task, we will be sure to gain an understanding of the desired communication and document submission methods and the list of people to be notified of all testing and inspection reports. Our reports contain all the required information in a clear and concise format. We will be responsive to the District's needs.



**Project and Document Coordination** - AREHNA will coordinate all services with members of the design and construction team to ensure that testing and inspections are in accordance with the current project plans and specifications. We will do a careful review of the plan documents before any testing or inspections occur to identify inconsistencies related to testing.

**Reporting** - Sample reports are presented above. The AREHNA Team will provide reports for all testing and inspections performed under this agreement. Field test results will be provided immediately after testing in the field. Field test results

will be sent within 24 hours. Failing field and laboratory tests will be communicated immediately, as outlined in the RFQ. Reports shall be generated for results and corresponding evaluation of testing against specified requirements and distributed electronically to the designated District Contact within 24 hours of the completion of each test or inspection.

**Qualified Engineering Technicians** - The AREHNA Team will provide all necessary on-site personnel and equipment to handle and protect materials being tested. This includes certified and qualified technicians who are fully trained with the testing equipment and procedures required for each test. All of our technicians are experienced, qualified and maintain multiple ACI and CTQP certifications for earthwork and concrete testing activities.

**Project Disbursement Tracking** - AREHNA accomplishes schedule and cost control through careful project planning, measuring performance against the plan, evaluating corrective actions as needed, and communicating this information to the project team and Client efficiently. Invoicing will be performed monthly and will be submitted in a timely manner on the District's schedule. Invoices will list the type, quantity and description of each test performed. Test results will be attached to each invoice, and original invoices will be sent to the District with the required back up. All costs associated with retesting and recertification will be tracked and invoiced separately.

AREHNA believes that the key elements of successful task executions are as follows:



- ✓ **Communication** – Strong lines of communication are vital to the success of all projects, but particularly on task-based contracts. Upon receipt of a task, the scope is reviewed, and the above outlined process is put into action. Project schedules and budgets will be promptly communicated back to the District. Project details, assignments and instructions are communicated internally and to our subconsultants through our electronic schedule database. This process is efficient and reduces confusion when working on contracts with many moving parts.
- ✓ **Responsiveness** – Upon receipt of a Task Assignment, we will respond within 2 hours to the District and confirm that we have received and understand the outlined scope of work. Our engineers and technicians will report to the requested location before the time expected with a clear understanding of the scope of work to be performed. Our team will be prepared with the necessary project background and equipment. Our in-house drilling capabilities provide close control over project schedules. Our team's staff has the necessary certifications, qualifications and experience to perform material testing and inspection. We also understand that the projects performed under this contract could require response times that are not limited to standard business hours. We are equipped to provide emergency services and have experience with 24-hour operations through our continuing sinkhole and FDOT contracts.
- ✓ **Schedule and Reporting** - The distribution of all reporting will be established at the beginning of each Task Work Order. For materials testing projects, preliminary test results will be reported within one hour of the completion of the test. Our official reports will be available electronically within 24 hours of testing.
- ✓ **Budget Controls** – AREHNA accomplishes schedule and cost control through careful project planning, measuring performance against the plan, evaluating corrective actions as needed, and communicating this information to the District efficiently. AREHNA always strives to utilize the most efficient staffing, balancing technical expertise and proper oversight to maintain quality in all that we do. In our experience, in most cases, if the schedule is properly

managed, the project will be completed on budget. If an unforeseen scope modification is needed due to site conditions, written approval will be obtained prior to performing additional work. Invoicing will be performed monthly and will be submitted in a timely manner on the District’s schedule. The invoices will reference the proper project numbers and dates and will include the required back up.

- ✓ **Value** – It is AREHNA’s mission to always provide value to our clients and their projects. We commit to provide innovative and cost-effective solutions on your projects. We evaluate alternatives in design to ensure that our recommendations provide the best value. We also reduce redundancies by taking a personal approach to projects, keeping senior staff engaged and communicating frequently to get the job done right the first time.

**Client Service** – The highest quality deliverable must be accompanied with the highest degree of service, and AREHNA prides itself on the service we provide our clients. AREHNA enjoys relationships with continued partners we have done business with since our inception in 2009. These clients include large private insurance carriers (confidential) on continuing services contracts, engineering design and environmental firms, Pasco County, Pinellas and Hillsborough, FDOT, City of Tampa, TECO, SWFWMD and FDEP to name a few. These continuing relationships are born out of a commitment to service. In our service to the Wiregrass II Community Development District, the AREHNA Team will not only meet your requirements and expectations for project delivery, but the service accompanying our deliverables will be exceptional. As we have demonstrated in the past, the Team will be available and responsive when challenging demands arise. We will strive to ensure the District staff knows that their goals and objectives will be achieved through our commitment and personal service.

### QUALITY CONTROL

**Quality Assurance/Quality Control** – To ensure quality in the Team’s field and laboratory procedures, and accurate, professional reporting in project deliverables, Mr. Kirk Eastman, P.E. will be responsible for overseeing all aspects of quality assurance and control for all work performed under this contract. Mr. Eastman has over 29 years of geotechnical and construction experience on thousands of projects requiring the highest standard of quality. For this contract he will maintain his practice of being a daily presence, not only performing formal QA/QC reviews, but also interfacing with staff at all levels as necessary to serve each task and project with his wealth of experience.

**QC Plan Overview** - Every deliverable, be it a report, CADD sheet or laboratory test result, will undergo a quality control review prior to submission to the District. The reviewer will be an experienced AREHNA Geotechnical/Materials Engineer who was not actively involved in the preparation of the deliverable. Upon completion of the review, the reviewer returns the marked-up review document(s) along with his/her comments.

The comments are reviewed and given concurrence by the appropriate Project Engineer and the Project Manager to maintain consistency.

In summary, the quality control review consists of documentation of the agreement between two qualified professionals (the Document Originator and the Checker) that each element of work produced and reviewed in association with the Scope of Services conforms to the requirements identified in the Project QC Plan. All Document Originators and Checkers will be experienced, qualified, and paired to provide the required check and balance production and review process. Document Originators are to produce or directly supervise the work and personally check and be responsible for conformance to project requirements. Checkers will have qualifications equal to or better than those of the Designer. The Checker will verify assumptions used, check references for accuracy, and verify calculations and other design data. If discrepancies or questions arise, these will be referred to the Project Manager.

QUALITY CONTROL STAMP		
AREHNA   Engineering, Inc.		
Task	Initials	Date
QC Ready – DO (Blue)		
QC Check – QCC (Yellow/Red)		
Concurrence – DO (Blue)		
QC Changes Made – DO (Yellow)		
Corrections Accepted – QCC (Green)		
Documents QC Stamp Covers:		

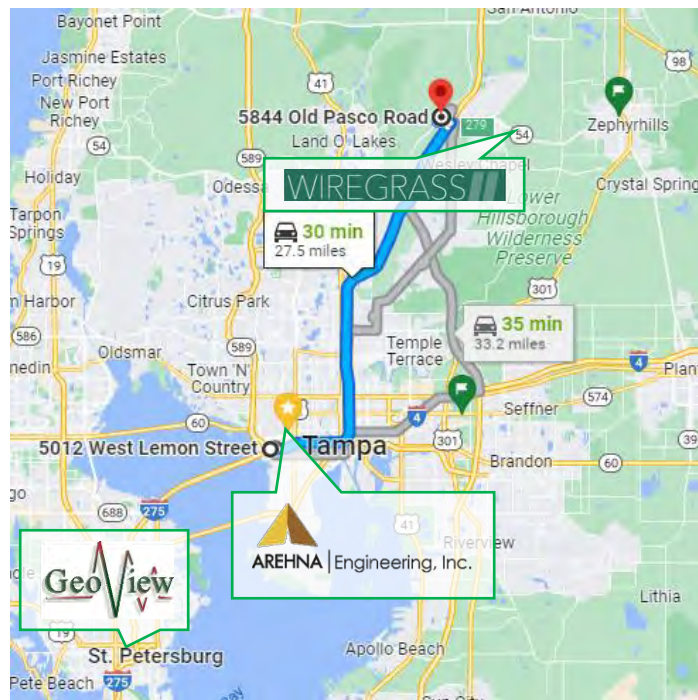
AREHNA's Quality Control Tracking Stamp is used on all QC review documents and is applied to the cover of a bound set of documents or to individual unbound sheets. The responsible person at each step of the QC review process is required to initial and date in the appropriate space on the stamp to indicate completion of that step.

## LOCATION

AREHNA's headquarters is in Tampa, Florida. The primary office and laboratory supporting this contract will be the Tampa office located on Lemon Street in the Westshore district of Tampa. The company performs all testing services at our in-house, AASHTO accredited, FDOT approved laboratory at this location. Our home office is a 30-minute drive to the District's building for easy access for project scope and coordination meetings with District staff. In addition, we have convenient access to the interstate and all local roads and highways to get to project sites quickly.

### AREHNA Engineering, Inc.

5012 W. Lemon Street  
Tampa, Florida 33609

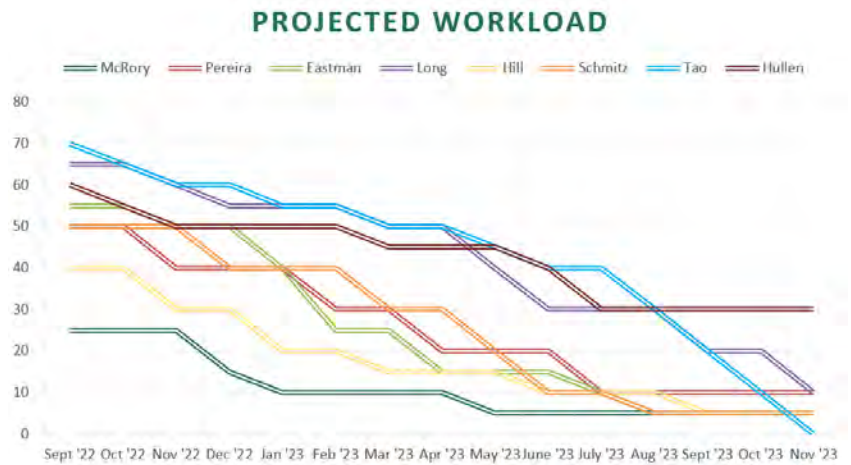




### WORKLOADS & AVAILABILITY

We have been fortunate over the last 13.5 years to have been successful in winning Prime contracts. These contracts have required the ability to manage many moving parts and have equipped our staff to handle high volumes of work and compressed schedules. We attribute our success in execution to having an organized approach to managing workload. We have put processes into place to ensure that the project stays on task and moves through the design or construction phase efficiently. Although the nature of our workload is currently changing, the majority of our projects are task oriented. Most tasks are assigned and completed generally within a two-month period.

Our current workload is managed day to day with constant communication and assistance of technology to ensure that nothing is missed and that we execute effectively and efficiently. Owning our own equipment, eliminating the need to outsource assists us in controlling our schedule and workload. We are confident that our current workload will not have any impact on the successful execution of services under this contract. The task order nature of the majority of our current workload is apparent in the graph presented. All of the listed key personnel are available, ready, and eager to serve the District on this contract.



The following table presents a summary of key staff and their availability to serve the District on this contract to meet the established schedules and budgets. The AREHNA Team is committed to ensure that we dedicate the necessary resources to be available to support the District on an on-going and as-needed basis.

Service	Key Staff	Role/Experience	% Availability
Project	<b>Jessica McRory, PE</b>	<b>Project Manager</b>	<b>85%</b>
QA/QC	<b>Kirk Eastman, PE</b>	<b>Senior Project Engineer/QA/QC</b>	<b>75%</b>
	Kevin Hill, PE	Task Lead Geotechnical Services	60%
	Sonia R. Florence, PE	Senior Geotechnical Engineer	80%
	Anna Hullen, PE	Geotechnical Engineer	60%
	Andy Tao, PE	Geotechnical Engineer	60%
	Frank George	Utility Coordinator	50%
	Andrew Sway, PG, EI	Geophysical Services	50%
	Michael Wightmann, PG	Geophysical Services	15%
	Carlos Roberto Lemosn, PG	Geophysical Services	15%
	Marcelo Reis, MSc..	Geophysical Services	15%
	Chad Hall	Geophysical Services/Field Operations	25%
	Scott Purcell	Geophysical Services	25%
	Roger Clint	Geophysical Services	20%
Construction	<b>Amanda S. Pereira, PE</b>	<b>Task Lead Construction Inspection Services</b>	<b>70%</b>
Materials	Stephen Long, PE	Assistant Project Manager/CMT Engineer	75%
Testing	April Schmitz	Materials Testing/Laboratory Manager	50%
	Joy Mathew	Laboratory Manager QA/QC	65%

## **VOLUME OF PREVIOUS WORK**

AREHNA Engineering has not directly been awarded any work by the Wiregrass II Community Development District. Although AREHNA has not worked directly with the District, we do support multiple contracts for geotechnical engineering and materials testing and inspections within Pasco County and know the local geology well.

GeoView has completed an average 150 projects with an annual revenue of \$150,000 per year over the past 5 years in Pasco County as a subconsultant. Approximately 20% of these projects were completed within the Wiregrass Development District. Over 50% of the completed projects were concerned with the assessment of karst (sinkhole)-related geological conditions on residential, commercial and industrial properties. Investigations were performed using Ground Penetrating Radar (GPR), electrical resistivity imaging (ERI) and seismics (refraction, reflection and MASW). The remaining projects were primarily concerned with environmental site assessments and infrastructure evaluation.

We are fully equipped, capable, available and excited to serve the Wiregrass II Community Development District!



5012 W Lemon Street  
Tampa, Florida 33609  
[www.arihna.com](http://www.arihna.com)

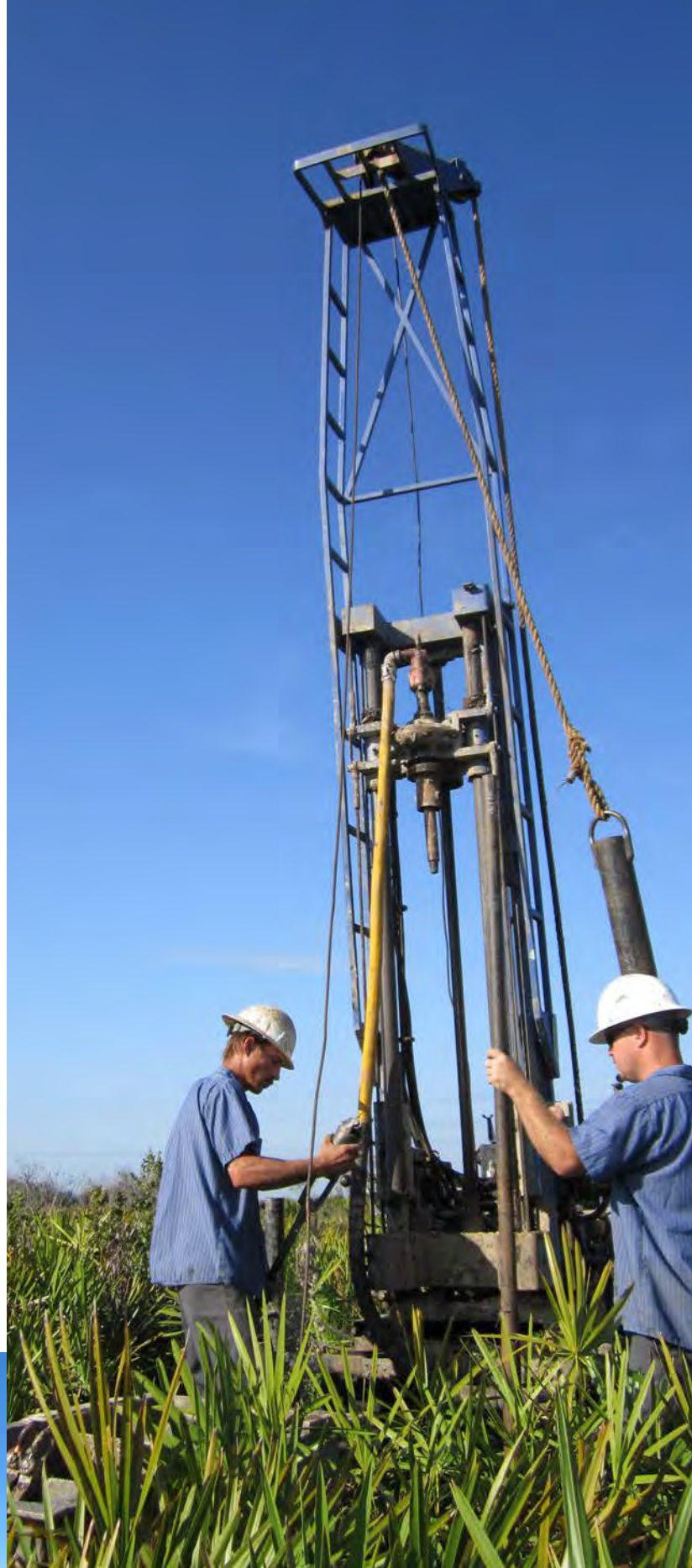
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# Geotechnical, Soil, and Related Testing Services

Wiregrass II Community  
Development District  
Pasco County, Florida

September 9, 2022



→ The Power of Commitment

**GHD Services, Inc.**  
**5904 Hampton Oaks Parkway**  
**Suite F**  
**Tampa, Florida 33610**  
**www.ghd.com**



**September 9, 2022**  
**Lynn Hayes, District Manager**  
**Wiregrass II Community Development District**  
**5844 Old Paso Road #100**  
**Wesley Chapel, FL 33544**

**RE: Qualifications for Geotechnical, Soil, and other Related Testing Services**

Dear Selection Committee Members:

GHD has been fortunate enough to work in Pasco County for over 20 years and with increasing project volume in Wesley Chapel within the last 10 years, providing geotechnical engineering, materials testing and environmental consulting services. We have extensive experience with prior Wiregrass Community Development District (CDD) projects managed through prior entities and their subsequent transitioning to Locust Branch, LLC – Developer of Wiregrass Ranch. Our longstanding relationships with CDD and Wiregrass Ranch representatives have provided us with the knowledge of local requirements and your expectations for clear communication and quality deliverables. Outside of our commitment to meet the CDD's needs under this consulting services contract, we also commit to continuing our support and investment in communities within the Tampa Bay area, including the CDD. We understand the value each project can bring to the community and have a vested interest in delivering quality projects that can endure for the long-term. **What makes GHD different is our ability to provide strong technical services with a stable group of engineers, scientists and technical staff that are focused on building relationships through responsiveness, as summarized below.**

→ **Trusted Local Consultant:** Through our decades of past performance for local public and private-sector clients, we have proven our capabilities and will commit to exceeding the CDD's expectations for technical excellence and customer service. We continually demonstrate that we have the engineering and management skills needed to complete any assigned tasks efficiently and professionally. The local experience, combined with the extensive resources that GHD offers, will ensure the CDD receives quality and professional services no matter the size or complexity of the work. Our proven record of experience spans from more technically complex projects such as the Pasco-Hernando State College Porter Campus at Wiregrass Ranch to less complex but equally critical onsite evaluations of soil stockpiles. Specific to the Wiregrass Ranch area, GHD also has extensive experience with observation of pond excavations and quality control testing of onsite and/or import fill blending operations.

→ **Highly Integrated, Responsive Engineering and Technical Services:** GHD offers complete, in-house engineering services for all key disciplines required for geotechnical engineering, materials testing, drilling, environmental engineering, inspection services, and other as-needed engineering consultation. Our proposed Team is accustomed to rapid response requests for services, ensuring that the most time-critical assignments will receive priority, and will be completed quickly while maintaining professionalism and quality. Our in house drill crews, technical field personnel and project engineers are serving clients on active projects within the Wiregrass Ranch area (Persimmon Park at Wiregrass Ranch, Esplanade at Wiregrass Ranch, Sterling Ridge, Two Ridges Road, and others) and commit to rapidly responding to your requests. Our Tampa office is also conveniently located within 30 minutes of Wesley Chapel for instances where soil cement or asphaltic concrete samples require timely drop-off to our laboratory before returning to project sites. The CDD can rest assured that we will respond quickly with the necessary resources, avoiding delays.

→ **Committed to Continued Excellence:** GHD is committed to providing the CDD with quality services, timely schedules and working with project budgets. Mr. Steven Janosik, PE will serve as the Project Manager and be the single point of contact

*→ GHD's key team members have worked together for more than 17 years and have a common cohesiveness as a "family". We anticipate each other's needs and how to meet our client's expectations together.*

**→ The Power of Commitment**

throughout the term of this contract. Steven will strive to maintain clear lines of communication with CDD and Wiregrass Ranch staff so that the CDD's goals and objectives are met. Mr. Sean McCubbins, LEED AP will serve as GHD's firm signatory for this contract.

It has truly been a rewarding experience being on multiple design and construction teams in the Wiregrass Ranch area throughout the years, especially seeing the local community utilize the improvements. On behalf of the entire GHD Team, we offer our commitment that, if selected as your prime consultant, we will continue to perform with distinction. Should you have any questions, please contact me at 813.716.4263 or [steven.janosik@ghd.com](mailto:steven.janosik@ghd.com).

Regards,



**Steven A. Janosik, PE**  
Project Manager  
Principal Geotechnical Engineer  
813 716 4263  
[steven.janosik@ghd.com](mailto:steven.janosik@ghd.com)



**Sean McCubbins, LEED AP**  
Project Director  
Geotechnical Business Group Leader, US Southeast  
843 815 0268  
[sean.mccubbins@ghd.com](mailto:sean.mccubbins@ghd.com)



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# 1. SF 330 / Part I



# ARCHITECT-ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Wiregrass II Community Development District – Pasco County, FL

2. PUBLIC NOTICE DATE

28 August 2022

3. SOLICITATION OR PROJECT NUMBER:

RFQ for geotechnical, soil, and related testing services

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Steven Janosik, PE, Project Manager

5. NAME OF FIRM

GHD Services Inc.

6. TELEPHONE NUMBER

813.716.4263

7. FAX NUMBER

N/A

8. E-MAIL ADDRESS

steven.janosik@ghd.com

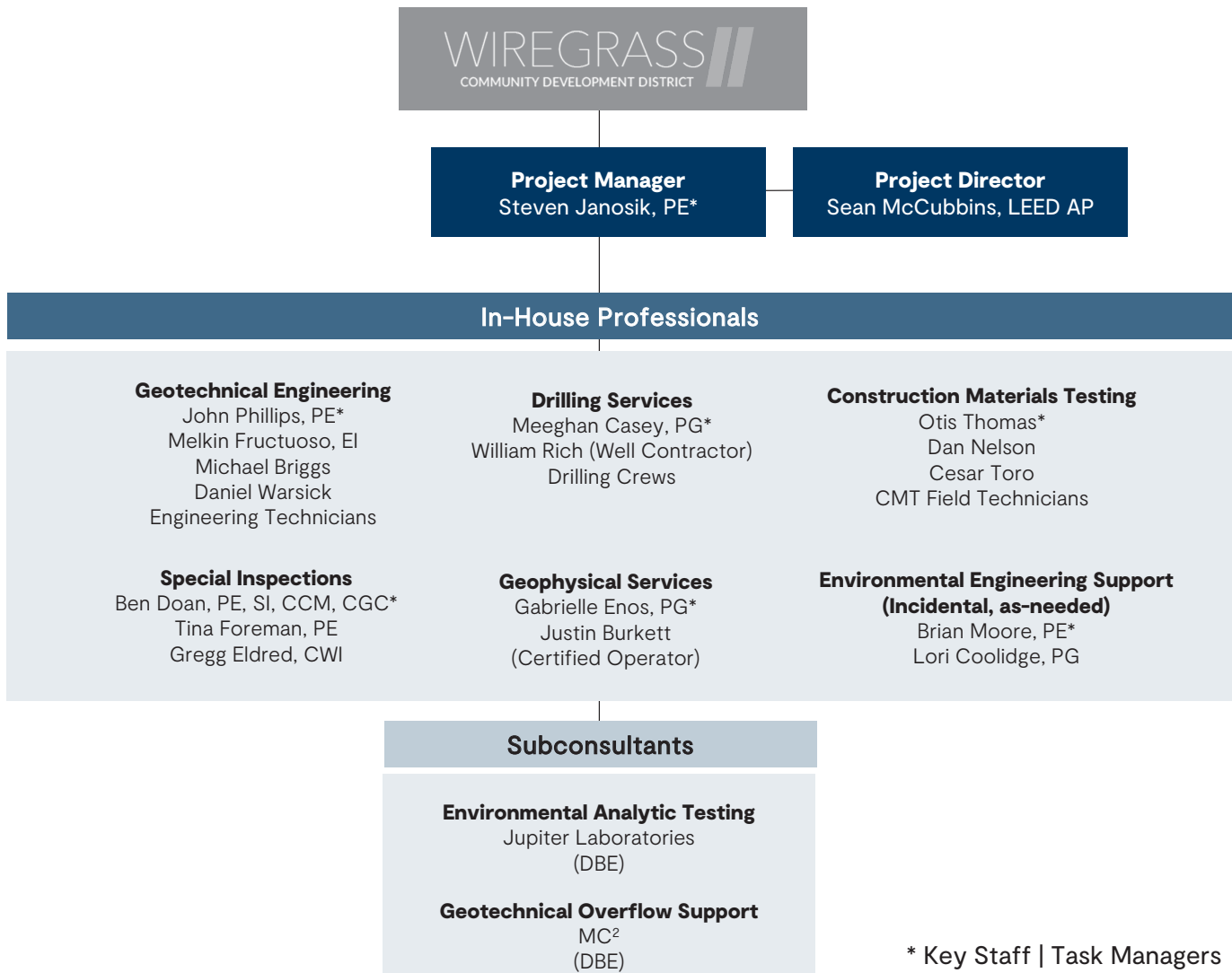
### C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	GHD Services Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5904 Hampton Oaks Parkway, Suite 5, Tampa, FL 33610 813.971.3882	Prime – providing in-house geotechnical and construction materials testing
b.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MC Squared, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5805 Breckenridge Parkway Suite A, Tampa, FL 33610 813.623.3399	Subconsultant – Geotechnical Overflow Support
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Jupiter Environmental Laboratories <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2608 S 86 <sup>th</sup> Street, Suite B, Tampa, FL 33619 561.262.8735	Subconsultant – Environmental Analytic Testing
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
g.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		

# 2. Project Team

# Organizational Chart



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Steven A Janosik, PE	Project Manager	a. TOTAL	b. WITH CURRENT FIRM
		21	21
15. FIRM NAME AND LOCATION (CITY AND STATE)			
GHD Services Inc., Tampa, Florida			
16. EDUCATION		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
BS, Civil Engineering (BSCE), Geotechnical and Transportation Engineering Specialization, 2003		Professional Engineer: FL, MD, TN	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
American Society of Civil Engineers (ASCE), National Society of Professional Engineers (NSPE), Florida Engineering Society (FES), Geo Institute, Order of the Engineer			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Wiregrass Ranch Boulevard, Phases 2, 3, and 4 Wesley Chapel, Florida	2016-2022	2016-2022
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD provided construction materials testing services with geotechnical engineering support for this residential collector road segment from State Road 56 and north of Chancey Road in Wesley Chapel, Florida. Mr. Janosik was actively involved with project coordination and engineering consultation. He also provided the required engineering certifications per Pasco County requirements and reviewed the materials testing reports as the Engineer of Record. Mr. Janosik is also actively managing the materials testing services for the Phase 3B and Phase 4 segment currently under construction. Role: Project Manager (Engineer-of-Record) for CMT phases and previous Phase 3 and 4 Geotechnical phases. Cost \$16,100 (geotech) and \$147,309 (CMT)		
b.	Hueland Pond Boulevard. Wesley Chapel, Florida	2013 geotech. 2015-2016 (CMT)	2015-2016
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm For the geotechnical evaluation phase, GHD completed a series of roadway soil survey borings and proposed pond area borings for this collector road that was constructed in conjunction with development of Wiregrass Ranch Parcels M23 and P11. We also provided construction materials testing services during construction, along with geotechnical consultation for stockpiling pond borrow excavation materials for future use. Project challenges included careful monitoring of road embankment fill placement and blending operations during the summer wet season. Role: Project Manager (Engineer-of-Record) for CMT phase and previous geotechnical phase. Cost \$8,240 (geotech) \$43,759 (CMT)		
c.	Wiregrass Ranch S4 Collector Road Wesley Chapel, Florida	2021	Pending
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD completed a series of roadway borings and pond area borings for this proposed collector road located within Wiregrass Ranch Parcel S4 and between intersections with Hueland Pond Boulevard to the south and future Chancey Road Phase 3 to the north. Based on the boring results and review of site information, GHD provided geotechnical evaluations for subgrade suitability, seasonal groundwater fluctuations, geologic hazards, and subgrade preparation recommendations, including onsite soil blending. Drilling challenges included limited-access boring locations within or adjacent to existing wetland areas. Role: Project Manager (Engineer-of-Record) for geotechnical phase. Cost: Prof. Svcs: \$12,800 (geotech)		
d.	Chancey Road Phase 3 Wesley Chapel, Florida	2017	Pending
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD completed a series of roadway, pond and culvert crossing borings for this eastward extension of Chancey Road from the intersection with Wiregrass Ranch Boulevard. Based on the boring results and review of site information, GHD provided geotechnical evaluations for subgrade suitability, seasonal groundwater fluctuations, geologic hazards, and subgrade preparation recommendations, including culvert foundation and headwall design considerations. Following review by Pasco County representatives, GHD also provided supplemental recommendations for six additional items highlighted during the design review. The supplemental geotechnical consultation effort was provided at no additional cost to Wiregrass Community Development District. Role: Project Manager (Engineer-of-Record) for geotechnical phase. Cost: Prof. Svcs: \$7,500 (geotech)		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
John Phillips, PE	Geotechnical Engineering	a. TOTAL	b. WITH CURRENT FIRM
		31	11
15. FIRM NAME AND LOCATION (CITY AND STATE) GHD Services Inc., Tampa, Florida			
16. EDUCATION		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Bachelor of Science in Civil Engineering (BSCE)		Registered Professional Engineer: FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE), University of Florida Bergstrom Council			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Pasco County Cypress Creek Middle School and High School Wesley Chapel, Florida	2006-2022	2015-2019
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD provided a full suite of engineering evaluations and construction materials testing services for this educational facility campus. GHD provided initial due diligence geotechnical exploration during the initial planning phases. During the construction phases, GHD provided construction materials testing of soil, concrete and asphaltic concrete for the building and pavement areas. GHD provided emergency response and field exploration services and engineering consultation following construction on an as-needed basis. Cost: Prof Svcs \$500,000 (geotech and CMT, multiple phases) Role: Project Manager (Engineer-of-Record) for geotechnical phases.		
b.	Pasco County School LLL (Angeline 6-12 STEM School) Land-o-Lakes, Florida	2020-2023 (proj)	2021-2023 (proj)
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD is also providing a full suite of engineering evaluations and construction materials testing services for this educational facility campus. We reviewed a due diligence geotechnical report prepared by others during the initial planning phases, and then developed a final level geotechnical scope that included geophysical surveys within building areas to support sinkhole development risk assessment. During the ongoing construction phases, GHD is providing construction materials testing of soil, concrete and asphaltic concrete for the building and pavement areas. Cost: Prof Svcs \$26,725 (geotech) \$190,000 (CMT) Role: Project Manager (Engineer-of-Record) for geotechnical phases.		
c.	Burger King Wesley Chapel, Florida	2017	2018
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD provided geotechnical engineering services for this Burger King restaurant located at the northwest corner of State Road 54 and Maren Way in Wesley Chapel, Florida. Mr. Phillips developed a soil boring program consisting of Standard Penetration Test (SPT) borings and Power Auger borings to explore the subsurface conditions for the proposed building and pavements. The results of the soil borings, including the soil types and groundwater information, was utilized by the project's design engineers to develop building's foundation design as well as the paving, grading, and drainage plans. Role: Project Manager (Engineer-of-Record) for geotechnical phases. Cost \$2,750 (geotech)		
d.	Wiregrass Ranch Parcel M14 (Access Road and Mass Grading) Wesley Chapel, Florida	2020-2021	2021-2022
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD initially conducted a series of shallow soil borings and muck probes along the proposed access road alignment and deep soil borings within proposed pond areas. GHD provided construction materials testing services for soil, asphalt and concrete. We also provided fill blending observations for the mass grading operations, along with fill screening sampling and observations of sections of an onsite soil stockpile. Imported soil materials were also reviewed for suitability Cost Prof Svcs \$11,450 (geotech) \$23,058 (CMT) Role: Technical Reviewer for geotechnical phases.		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Otis Thomas	Construction Materials Testing	a. TOTAL	b. WITH CURRENT FIRM
		27	20
15. FIRM NAME AND LOCATION (CITY AND STATE) GHD Services Inc., Tampa, Florida			
16. EDUCATION		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Nuclear Testing Equipment, (Troloxer), Asphaltic Concrete Paving Inspection, Concrete Field Testing Technician Level I, Asphalt Plant Level I, Construction Materials Engineering Council, Inc. (CMEC) Soils and Concrete Lab Certification			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Concrete Institute (ACI)			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Wiregrass Ranch Boulevard Phases 2, 3, and 4 Wesley Chapel, Florida	2016-2022	2016-2022
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD provided construction materials testing services with geotechnical engineering support for this residential collector road segment from State Road 56 and north of Chancey Road in Wesley Chapel, Florida. The project phases included observation and verification testing of onsite fill blending operations, as well as geotechnical review of imported fill materials. Soil borings and geotechnical evaluations for roadway, pond and culvert crossing areas were completed by GHD for Phases 3 and 4. Role: CMT Field and Laboratory Services Manager Cost \$16,100 (geotech) and \$147,309. (CMT)		
b.	Hueland Pond Boulevard Wesley Chapel, Florida	2013 geotech. 2015-2016 (CMT)	2015-2016
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm For the geotechnical evaluation phase, GHD completed a series of roadway soil survey borings and proposed pond area borings for this collector road that was constructed in conjunction with development of Wiregrass Ranch Parcels M23 and P11. We also provided construction materials testing services during construction, along with geotechnical consultation for stockpiling pond borrow excavation materials for future use. Project challenges included careful monitoring of road embankment fill placement and blending operations during the summer wet season. Role: CMT Laboratory Services Manager Cost \$8,240 (geotech), \$43,759 (CMT).		
c.	Pasco County School LLL (Angeline 6-12 STEM School) Land-o-Lakes, Florida	2020-2023 (proj)	2021-2023 (proj)
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD is also providing a full suite of engineering evaluations and construction materials testing services for this educational facility campus. We reviewed a due diligence geotechnical report prepared by others during the initial planning phases, and then developed a final level geotechnical scope that included geophysical surveys within building areas to support sinkhole development risk assessment. During the ongoing construction phases, GHD is providing construction materials testing of soil, concrete and asphaltic concrete for the building and pavement areas. Cost: Prof Svcs \$26,725 (geotech) \$190,000 (CMT) Role: CMT Field and Laboratory Services Manager		
d.	Wiregrass Ranch Parcel M14 (Access Road and Mass Grading) Wesley Chapel, Florida	2020-2021	2021-2022
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD initially conducted a series of shallow soil borings and muck probes along the proposed access road alignment and deep soil borings within proposed pond areas. GHD provided construction materials testing services for soil, asphalt and concrete. We also provided fill blending observations for the mass grading operations, along with fill screening sampling and observations of sections of an onsite soil stockpile. Imported soil materials were also reviewed for suitability Cost Prof Svcs \$11,450 (geotech) \$23,058 (CMT) Role: CMT Field and Laboratory Services Manager		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Brian Moore, PE	Environmental Engineering Support	a. TOTAL	b. WITH CURRENT FIRM
		26	26
15. FIRM NAME AND LOCATION (CITY AND STATE) GHD Services Inc., Tampa, Florida			
16. EDUCATION	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
MS, Environmental Engineering; BA, Environmental Science & AS, Science	Registered Professional Engineer: FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Member of Brownfield Association, Tampa Bay Association of Environmental Professionals (TBAEP), Florida Engineering Society (FES)			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	FDEP Hazardous Waste Cleanup Various sites throughout Florida	2011-ongoing	as needed
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD was also selected as the contractor to conduct a statewide vapor intrusion study associated with drycleaning facilities and assisted in development of a guidance methodology for the hazardous waste cleanup section in risk mitigation associated with vapor intrusion. We have also assisted in development of a methodology for execution of imminent threat and the appropriate mitigation measures to maintain public safety associated with program sites. GHD is currently simultaneously managing the assessment and cleanup of over 30 state-cleanup eligible sites. Role: Contract/Project Manager Cost: \$10M		
b.	Pasco County Cypress Creek Middle School and High School Wesley Chapel, Florida	2006-2022	2015-2019
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD provided a full suite of engineering evaluations and construction materials testing services for this educational facility campus. GHD provided initial due diligence geotechnical exploration during the initial planning phases. During the construction phases, GHD provided construction materials testing of soil, concrete and asphaltic concrete for the building and pavement areas. GHD provided emergency response and field exploration services and engineering consultation following construction on an as-needed basis. Cost: Prof Svcs \$500,000 (geotech and CMT, multiple phases) Role: Principal-in-Charge		
c.	Pasco County School LLL (Angeline 6-12 STEM School) Land-o-Lakes, Florida	2020-2023 (proj)	2021-2023 (proj)
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD is also providing a full suite of engineering evaluations and construction materials testing services for this educational facility campus. We reviewed a due diligence geotechnical report prepared by others during the initial planning phases, and then developed a final level geotechnical scope that included geophysical surveys within building areas to support sinkhole development risk assessment. During the ongoing construction phases, GHD is providing construction materials testing of soil, concrete and asphaltic concrete for the building and pavement areas. Cost: Prof Svcs \$26,725 (geotech) \$190,000 (CMT) Role: Principal-in-Charge		
d.	Various Residential Subdivisions and Commercial Sites at Wiregrass Ranch Wesley Chapel, Florida	2012-2014	2014-present
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD provided geotechnical services for multiple residential and commercial developments within the Wiregrass Ranch area, including borings and test pit excavations within proposed roadway segments and parking areas, structure area borings, and stormwater collection area borings. GHD provided construction materials testing services along with geotechnical engineering support on an as needed basis. The respective Engineer-of-Record for each project also provided the required engineering certifications per Pasco County requirements, along with testing compendium submittals. Role: Principal-in-Charge (environmental phases) Cost \$N/A		



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Ben Doan, PE, SI, CCM, CGC	Special Inspections	37	5
15. FIRM NAME AND LOCATION (CITY AND STATE)			
GHD Services Inc.   Tampa, Florida			
16. EDUCATION		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
BS, Civil Engineering, 1985		Registered Professional Engineer: FL 43266; Certified Construction Manager (CCM); Licensed Threshold Inspector, Florida 941; CGC 1531308	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Florida Engineering Society, Florida Institute of Consulting Engineers			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	<b>Pasco County School LLL (Angeline 6-12 STEM School)</b> Land-o-Lakes, Florida	2020-2023 (proj)	2021-2023 (proj)
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD is also providing a full suite of engineering evaluations and construction materials testing services for this educational facility campus. We reviewed a due diligence geotechnical report prepared by others during the initial planning phases, and then developed a final level geotechnical scope that included geophysical surveys within building areas to support sinkhole development risk assessment. During the ongoing construction phases, GHD is providing construction materials testing of soil, concrete and asphaltic concrete for the building and pavement areas. Cost: Prof Svcs \$26,725 (geotech) \$190,000 (CMT) Role: Threshold Inspector		
b.	<b>TGH Corporate Garage</b> Tampa, Florida	2021-ongoing	ongoing
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD provided threshold inspection and professional engineering services as required by the State of Florida and the City of Tampa Building Code requirements. Our Special Inspector and the inspection team report directly to the Owner and the City of Tampa Building official for all code compliance issues. Our Special Inspector and team perform inspections in accordance with the project threshold inspection plan provided by the project structural engineer - Finrock. Our responsibility is to maintain records of specified inspections and testing and shall furnish copies of inspection and testing reports to the building official and to the appropriate registered design professional of record. Role: Threshold Inspector Cost \$31,000		
c.	<b>Hanna Avenue Municipal Building Threshold Inspection</b> Tampa, Florida	2022-ongoing	ongoing
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD was selected to provide threshold inspection and professional engineering services as required by the State of Florida and the City of Tampa Building Code requirements. Our Special Inspector and the inspection team report directly to the City of Tampa Building official for all code compliance issues. Our Special Inspector and team perform inspections in accordance with the project threshold inspection plan provided by the project structural engineer - Masters Consulting Engineers. Our responsibility is to maintain records of specified inspections and testing and shall furnish copies of inspection and testing reports to the building official and to the appropriate registered design professional of record. Role: Special Threshold Inspector Cost: \$99,345		
d.	<b>Casa Pedroso - Casa Bomberos</b> Ybor City, Tampa, Florida	2021-ongoing	ongoing
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD was selected to provide Threshold Inspection services the Casa Pedroso project in Ybor City on behalf of the owner by the architect - Cooper Johnson Smith. Our services are to provide threshold inspection and professional engineering services as required by the State of Florida and the City of Tampa Building Code requirements. Our Special Inspector and the inspection team report directly to the Owner and the City of Tampa Building official for all code compliance issues. Our Special Inspector and team perform inspections in accordance with the project threshold inspection plan provided by the project structural engineer - Pennoni. Our responsibility is to maintain records of specified inspections and testing and shall furnish copies of inspection and testing reports to the building official and to the appropriate registered design professional of record. Role: Special Threshold Inspector Cost: \$35,000		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Gabrielle Enos, PG	Geophysical Services	a. TOTAL	b. WITH CURRENT FIRM
		32	14
15. FIRM NAME AND LOCATION (CITY AND STATE)			
GHD Services Inc., Tampa, Florida			
16. EDUCATION		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
BS, Geology, 1981		Licensed Professional Geologist: FL, GA	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Subject Matter Expert (SME) and former Executive Committee Member of the National Association of State Boards of Geology (ASBOG), Member of the Southeastern Geological Society (SEGS)			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Pasco County Cypress Creek Middle School and High School Wesley Chapel, Florida	2006-2022	2015-2019
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD provided a full suite of engineering evaluations and construction materials testing services for this educational facility campus. As the design process progressed, we also provided final level geotechnical exploration and engineering services for the building and pavement areas. We also provided threshold inspection of reinforcing steel, welding, mechanical fasteners, and fireproofing thickness. In select areas, we also provided engineering monitoring of subsurface pressure grouting to treat potential sinkhole activity conditions. As construction was in-progress, a ground surface depression formed in a green area, and GHD provided emergency response and field exploration services, followed by preparation of engineering recommendations, and monitoring of localized subsurface pressure grouting. GHD also provided engineering consultation following construction on an as-needed basis. Role: Geophysical Services Task Manager Cost Prof Svcs \$500,000 (geotech & CMT, multiple phases)		
b.	Pasco County School LLL (Angeline 6-12 STEM School) Land-o-Lakes, Florida	2020-2023 (projected)	2021-2023 (projected)
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD is also providing a full suite of engineering evaluations and construction materials testing services for this educational facility campus During the ongoing construction phases, GHD is providing construction materials testing of soil, concrete and asphaltic concrete for the building and pavement areas. We are also providing threshold inspection of reinforcing steel, welding, mechanical fasteners, and fireproofing thickness. Role: Geophysical Services Task Manager Cost \$26,725 (geotech) and \$190,000 (CMT)		
c.	Resource Recovery Facility Leachate Injection Well System Pasco County, Florida	2017	N/A
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD conducted a focused geophysical scanning program at the location of the two planned well locations immediately southwest of the leachate storage tank. GHD utilized field seismic geophysics for this study because of the ability to propagate through the shallow clayey soil profile and enter the limestone formation, as compared to ground penetrating radar (GPR), which will have limited ground penetration in this area. Role: Geophysical Services Task Manager Cost \$1,800		
d.	Monitor Well Installation and Abandonment Tampa Bay Water, Florida	2022-2026	2026 (projected)
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Gabrielle is the project coordinator under GHD's general services contract with Tampa Bay Water, the utility responsible for the water supply in the Hillsborough, Pinellas and Pasco county region of Florida. Gabrielle prepares project scopes and budgets for the installation of a variety on monitoring wells, and for the abandonment of former large scale production wells. She is responsible for coordinating with the client, property owners and water management district personnel to assure compliance with current regulations. Role: Project Coordinator Cost \$450,000		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Meeghan Casey, PG	Drilling Services	a. TOTAL	b. WITH CURRENT FIRM
		17	17
15. FIRM NAME AND LOCATION (CITY AND STATE) GHD Services Inc., Tampa, Florida			
16. EDUCATION		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
BS, Marine Science, Eckerd College, St. Petersburg, Florida 2004		Licensed Professional Geologist: FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	PHSC Porter Campus and Wiregrass Ranch Wesley Chapel, Florida	2010-2014	2011-2014
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD initially conducted a geophysical survey and a series of soil borings in order to provide geotechnical engineering evaluations for the buildings, pavement areas and stormwater collection ponds. GHD provided refined pile capacities and minimum pile tip penetration based on the results of the design-level geotechnical study. During construction, we provided engineering monitoring services of pile load tests, auger-cast pile installation, and earthwork activities, as well as construction materials testing of soil, asphalt and concrete. Role: Drilling Services Manager. Cost Prof Svcs \$31,810 (geotech), \$255,000 (CMT & Pilot Borings)		
b.	Wiregrass Ranch S4 Collector Road Wesley Chapel, Florida	2021	Pending
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD completed a series of roadway borings and pond area borings for this proposed collector road located within Wiregrass Ranch Parcel S4 and between intersections with Hueland Pond Boulevard to the south and future Chancey Road Phase 3 to the north. Based on the boring results and review of site information, GHD provided geotechnical evaluations for subgrade suitability, seasonal groundwater fluctuations, geologic hazards, and subgrade preparation recommendations, including onsite soil blending. Drilling challenges included limited-access boring locations within or adjacent to existing wetland areas. Role: Drilling Services Manager Cost: Prof. Svcs: \$ 12,800.00 (geotech)		
c.	Chancey Road Phase 3 Wesley Chapel, Florida	2017	Pending
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD completed a series of roadway, pond and culvert crossing borings for this eastward extension of Chancey Road from the intersection with Wiregrass Ranch Boulevard. Based on the boring results and review of site information, GHD provided geotechnical evaluations for subgrade suitability, seasonal groundwater fluctuations, geologic hazards, and subgrade preparation recommendations, including culvert foundation and headwall design considerations. Following review by Pasco County representatives, GHD also provided supplemental recommendations for six additional items highlighted during the design review. The supplemental geotechnical consultation effort was provided at no additional cost to Wiregrass Community Development District. Role: Drilling Services Manager Cost: Prof. Svcs: \$ 7,500 (geotech)		
d.	Wiregrass Ranch Parcel M25 (Access Road and Mass Grading) Wesley Chapel, Florida	2021-2022	2022-2023 (projected)
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm GHD initially conducted a series of shallow soil borings along the proposed access road alignment and within wetland impact areas. We subsequently conducted additional soil borings within the more recent design re-alignment, and provided an updated final geotechnical report with recommendations for roadway subgrade preparation, onsite fill blending, and mass graded fill characteristics. Shallow, potential geologic hazards (organic soils) were identified, and GHD provided mitigation recommendations (demucking). Cost: Prof Svcs: \$ 7,550 (geotech) Role: Drilling Services Manager		

# **3. Experience and Reference Projects**

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

**1**

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Wiregrass Ranch Boulevard, Phases 2, 3, and 4 Wesley Chapel, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	2016-2022	2016-2022

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Wiregrass Community Development District C/o Locust Branch, LLC Developer of Wiregrass Ranch (previously C/O King Engineering and Associates, Inc.)	Scott Sheridan, RLA	813 973 7491

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)

GHD provided construction materials testing services with geotechnical engineering support for this residential collector road segment from State Road 56 and north of Chancey Road in Wesley Chapel, Florida. The project phases included observation and verification testing of onsite fill blending operations, as well as geotechnical review of imported fill materials. Soil borings and geotechnical evaluations for roadway, pond and culvert crossing areas were completed by GHD for Phases 3 and 4. Role: CMT Field and Laboratory Services Manager

Cost \$16,100 (Geotechnical) and \$147,309. (CMT)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

2

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hueland Pond Boulevard Wesley Chapel, Florida	2013 (geotechnical) 2015-2016 (CMT)	2015-2016

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Wiregrass Community Development District C/o Locust Branch, LLC Developer of Wiregrass Ranch (previously C/O Rizzetta & Company.)	Scott Sheridan, RLA	813 973 7491

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)

For the geotechnical evaluation phase, GHD completed a series of roadway soil survey borings and proposed pond area borings for this collector road that was constructed in conjunction with development of Wiregrass Ranch Parcels M23 and P11. We also provided construction materials testing services during construction, along with geotechnical consultation for stockpiling pond borrow excavation materials for future use. Project challenges included careful monitoring of road embankment fill placement and blending operations during the summer wet season.

Cost: Professional Services: \$8,240 (Geotechnical) and \$43,759 (CMT)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

3

21. TITLE AND LOCATION (City and State)  Wiregrass Ranch S4 Collector Road Wesley Chapel, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES  2021	CONSTRUCTION (if applicable)  pending

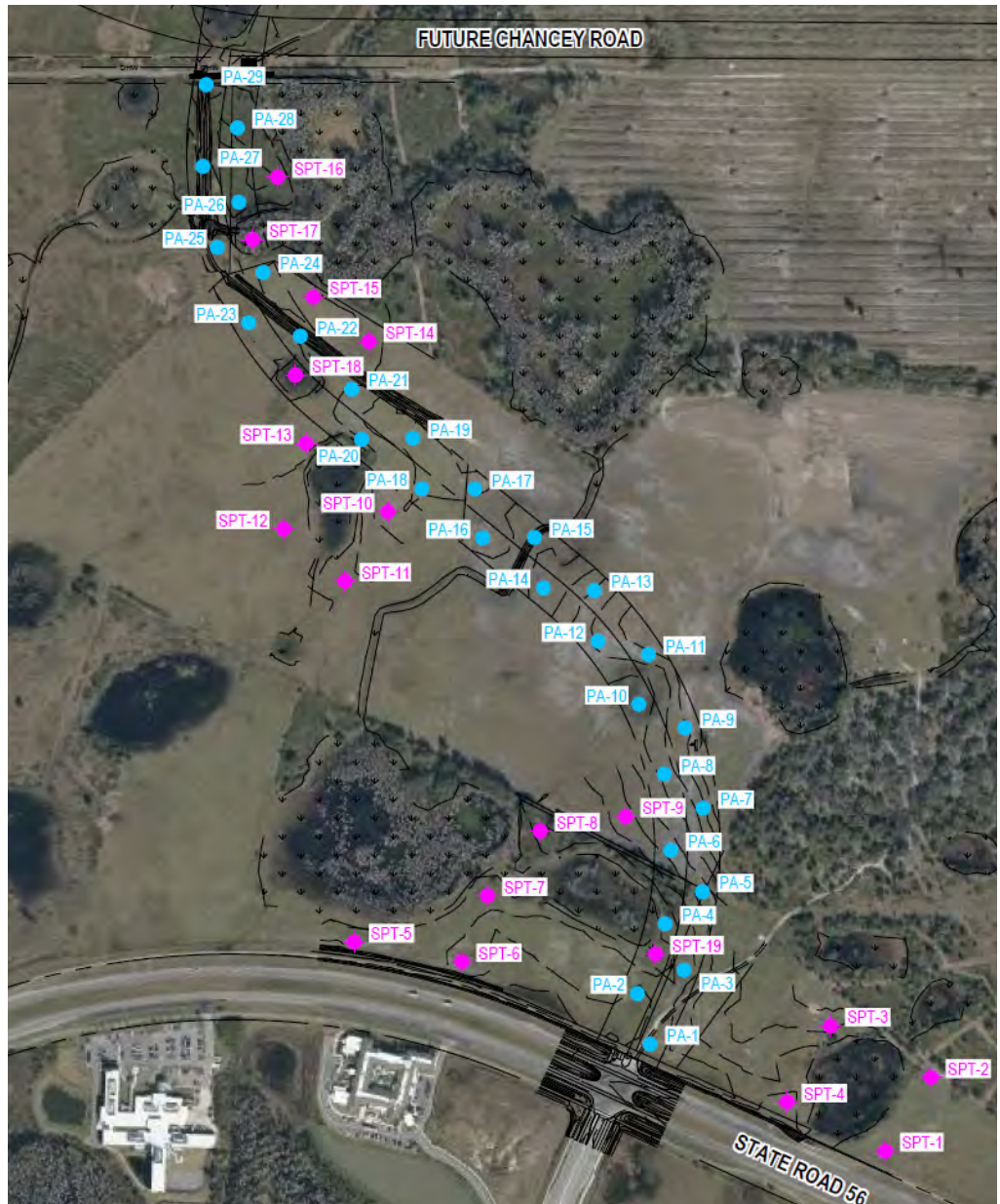
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  Wiregrass Community Development District C/o Locust Branch, LLC Developer of Wiregrass Ranch	b. POINT OF CONTACT NAME  Scott Sheridan, RLA	c. POINT OF CONTACT TELEPHONE NUMBER  813 973 7491
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)

GHD completed a series of roadway borings and pond area borings for this proposed collector road located within Wiregrass Ranch Parcel S4 and between intersections with Hueland Pond Boulevard to the south and future Chancey Road to the north. Based on the boring results and review of site information, GHD provided geotechnical evaluations for subgrade suitability, seasonal groundwater fluctuations, geologic hazards, and subgrade preparation recommendations, including onsite soil blending. Drilling challenges included limited-access boring locations within or adjacent to existing wetland areas.

Cost: Professional Services:  
\$ 12,800 (Geotechnical)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

4

21. TITLE AND LOCATION (City and State)  Chancey Road Phase 3 Wesley Chapel, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	2017	Pending

**23. PROJECT OWNER'S INFORMATION**

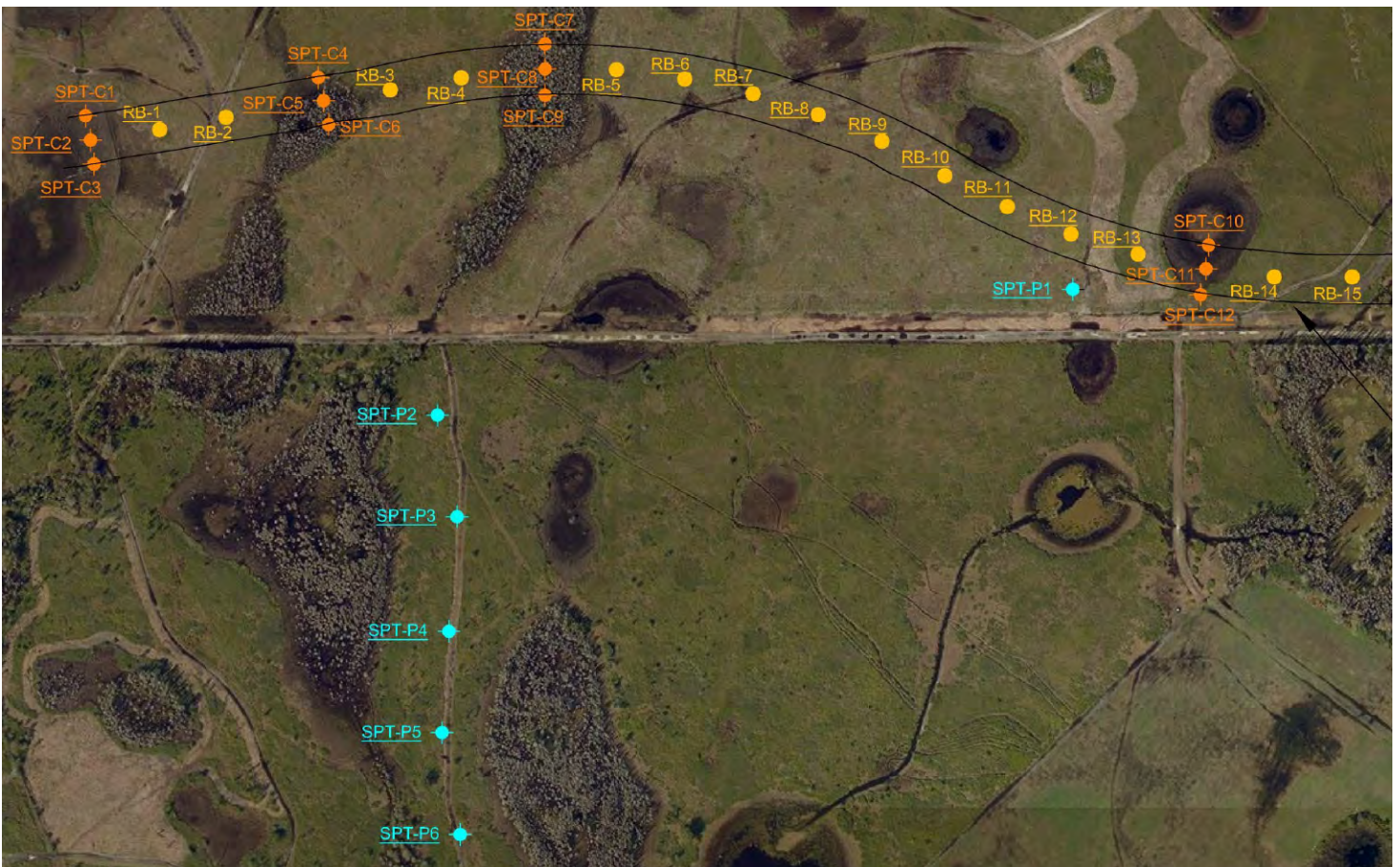
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Wiregrass Community Development District C/o Locust Branch, LLC Developer of Wiregrass Ranch	Scott Sheridan, RLA	813 973 7491

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)**

GHD completed a series of roadway, pond and culvert crossing borings for this eastward extension of Chancey Road from the intersection with Wiregrass Ranch Boulevard. Based on the boring results and review of site information, GHD provided geotechnical evaluations for subgrade suitability, seasonal groundwater fluctuations, geologic hazards, and subgrade preparation recommendations, including culvert foundation and headwall design considerations.

Following review by Pasco County representatives, GHD also provided supplemental recommendations for six additional items highlighted during the design review. The supplemental geotechnical consultation effort was provided at no additional cost to Wiregrass Community Development District.

Cost: Professional Services: \$7,500 (Geotechnical)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

5

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
PHSC Porter Campus at Wiregrass Ranch Wesley Chapel, Florida	2010-2014	2011-2014

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Pasco-Hernando State College (formerly Pasco-Henrando Community College)	b. POINT OF CONTACT NAME Skanska USA Building (original PM James Eschelbach)	c. POINT OF CONTACT TELEPHONE NUMBER 813 282 7100
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)

GHD initially conducted a geophysical survey and a series of soil borings in order to provide geotechnical engineering evaluations for the buildings, pavement areas and stormwater collection ponds. As the foundation design process continued, GHD was again retained to provide final design-level geotechnical exploration and engineering services, along with a pilot boring program. The pilot boring program was focused to areas of the main building where deep foundations were anticipated, and GHD provided refined pile capacities and minimum pile tip penetration based on the results of the design-level geotechnical study.

During construction, we provided engineering monitoring services of pile load tests, auger-cast pile installation, and earthwork activities, as well as construction materials testing of soil, asphalt and concrete. We also conducted field measurements of post-tension tendon elongation for the elevated structural slabs, and provided construction materials testing for improvements to Mansfield Boulevard as part of the overall site development.

Cost: Professional Services: \$31,810 (Geotechnical) and \$255,000 (CMT and Pilot Borings)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

6

21. TITLE AND LOCATION (City and State)  Pasco County Cypress Creek Middle School and High School Wesley Chapel, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006-2022	CONSTRUCTION (if applicable) 2015-2019

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Pasco County Schools	b. POINT OF CONTACT NAME Carolyn Llazari	c. POINT OF CONTACT TELEPHONE NUMBER 727 774 7952
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)

As part of our continuing services contract with the District School Board of Pasco County, GHD provided a full suite of engineering evaluations and construction materials testing services for this educational facility campus. Originally known as Middle School HH and High School GGG, GHD provided initial due diligence geotechnical exploration during the initial planning phases, which included geophysical surveys of the upland areas to support sinkhole development risk assessment along with widespread test pit excavations and deep soil borings. As the design process progressed, we also provided final level geotechnical exploration and engineering services, which included more focused pavement and structure areas borings, as well as building-specific geophysical surveys. Subsurface remediation recommendations were provided for treatment of localized zones of weakened limestone bedrock and the directly overlying soils.

During the construction phases, GHD provided construction materials testing of soil, concrete and asphaltic concrete for the building and pavement areas. We also provided threshold inspection of reinforcing steel, welding, mechanical fasteners, and fireproofing thickness. In select areas, we also provided engineering monitoring of subsurface pressure grouting to treat potential sinkhole activity conditions. As construction was in-progress, a ground surface depression formed in a green area, and GHD provided emergency response and field exploration services, followed by preparation of engineering recommendations, and monitoring of localized subsurface pressure grouting. GHD also provided engineering consultation following construction on an as-needed basis.

Cost: Professional Services: \$ 500,000 (Geotechnical and CMT, multiple phases)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

7

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Pasco County School LLL (Angeline 6-12 STEM Schools) Land-o-Lakes, Florida	2020-2023 (projected)	2021-2023 (projected)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Pasco County Schools	William Caton Gantt	727 774 7944

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)**

GHD is also providing a full suite of engineering evaluations and construction materials testing services for this educational facility campus. We reviewed a due diligence geotechnical report prepared by others during the initial planning phases, and then developed a final level geotechnical scope that included geophysical surveys within building areas to support sinkhole development risk assessment. Our geotechnical exploration and engineering services also included more focused pavement and structure areas borings, along with subsurface remediation recommendations for treatment of localized zones of weakened limestone bedrock and directly overlying soils. Infiltration testing of shallow soils was also provided for stormwater collection area design.

During the ongoing construction phases, GHD is providing construction materials testing of soil, concrete and asphaltic concrete for the building and pavement areas. We are also providing threshold inspection of reinforcing steel, welding, mechanical fasteners, and fireproofing thickness. In select areas, we also provided engineering monitoring of subsurface pressure grouting to treat potential sinkhole activity conditions.

Cost: Professional Services: \$26,725 (Geotechnical) and \$190,000 (CMT)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

8

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Wiregrass Ranch M14 (Access Road and Mass Grading) Wesley Chapel, Florida	2020-2022	2021-2022

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Wiregrass Community Development District C/o Locust Branch, LLC Developer of Wiregrass Ranch	Scott Sheridan, RLA	813 973 7491

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)**

GHD initially conducted a series of shallow soil borings and muck probes along the proposed access road alignment and deep soil borings within proposed pond areas. We subsequently conducted additional deep soil borings within proposed pond expansion areas in difficult access areas in the parcel, and provided an updated final geotechnical report with recommendations for general subgrade preparation and onsite fill blending. Between the initial and final geotechnical submittals, construction proceeded along the westernmost segment of the access road, and GHD provided construction materials testing services for soil, asphalt and concrete. We also provided fill blending observations for the mass grading operations, along with fill screening sampling and observations of sections of an onsite soil stockpile. Imported soil materials were also reviewed for suitability.

Cost: Professional Services: \$11,450 (Geotechnical) and \$23,058 (CMT)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Wiregrass Ranch Parcel M25 (Access Road and Mass Grading) Wesley Chapel, Florida	PROFESSIONAL SERVICES 2021-2022	CONSTRUCTION (if applicable) 2022-2023 (projected)

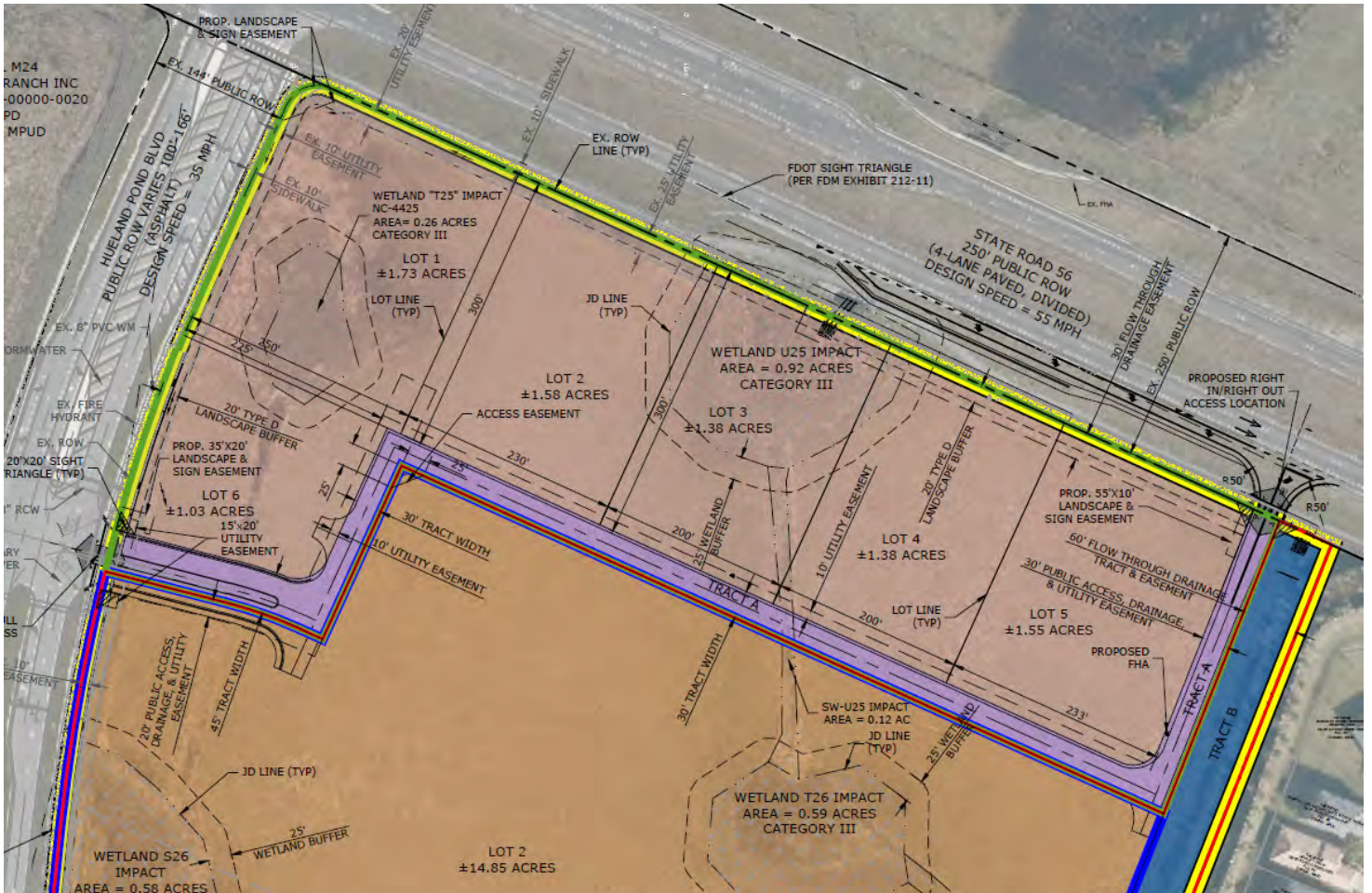
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Wiregrass Community Development District C/o Locust Branch, LLC Developer of Wiregrass Ranch	Scott Sheridan, RLA	813 973 7491

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)**

GHD initially conducted a series of shallow soil borings along the proposed access road alignment and within wetland impact areas. We subsequently conducted additional soil borings within the more recent design re-alignment, and provided an updated final geotechnical report with recommendations for roadway subgrade preparation, onsite fill blending, and mass graded fill characteristics. Shallow, potential geologic hazards (organic soils) were identified, and GHD provided mitigation recommendations (demucking).

Cost: Professional Services: \$7,550 (Geotechnical)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project)

10

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Various Residential Subdivisions and Commercial Sites at Wiregrass Ranch Wesley Chapel, Florida	2012-present	2014-present

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Various	Various	REFERENCES UPON REQUEST

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (INCLUDE SCOPE, SIZE, COST, ETC.)**

GHD provided geotechnical services for multiple residential and commercial developments within the Wiregrass Ranch area, including borings and test pit excavations within proposed roadway segments and parking areas, structure area borings, and stormwater collection area borings. The borings were conducted to develop parameters for foundation, drainage and pavement design, and recommendations for associated site preparation and borrow soil suitability for reuse. Potential geologic hazards were evaluated, and associated recommendations were made with respect to the identified conditions warranting remediation/mitigation. During construction, GHD provided construction materials testing services along with geotechnical engineering support on an as needed basis. The respective Engineer-of-Record for each project also provided the required engineering certifications per Pasco County requirements, along with testing compendium submittals. Following are some of the residential subdivisions that GHD has provided these services, and an additional listing of projects is included with this proposal submittal:

Persimmon Park at Wiregrass Ranch, Esplanade at Wiregrass Ranch, Windermere Estates, The Ridge at Wiregrass Ranch, Winding Ridge, Sterling Ridge (Wyndfields North), and River Landing.

Cost: Professional Services: \$N/A



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION	(3) ROLE
a. GHD Services Inc.	Tampa, FL	Prime Consultant

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

28. EXAMPLE PROJECTS INCLUDED IN SECTION F

26. NAMES OF KEY PERSONNEL  
(From Section E, Block 12)

27. ROLE IN THIS CONTRACT  
(From Section E, Block 13)

(Fill in "Example Projects Key" section below before completing table.)

Place "X" under project key number for participation in same or similar role.)

		1	2	3	4	5	6	7	8	9	10
Steven Janosik, PE	Project Manager	X	X	X	X	X	X	X	X	X	X
Meeghan Casey, PG	Drilling Services	X	X	X	X	X	X	X	X	X	X
John Phillips, PE	Geotechnical Engineering						X	X	X	X	X
Otis Thomas	Construction Materials Testing	X	X			X	X	X	X		X
Ben Doan, PE, SI, CM, CGC	Special Inspections							X			
Gabrielle Enos, PG	Geophysical Services					X	X	X			X
Brian Moore, PE	Environmental Engineering Support						X	X			X

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Wiregrass Ranch Boulevard - Phases 2, 3, and 4
2	Hueland Pond Boulevard
3	Wiregrass Ranch S4 Collector Road
4	Chancey Road Phase 3
5	PHSC Porter Campus at Wiregrass Ranch
6	Pasco County Cypress Creek Middle School and High School
7	Pasco County School LLL (Angeline 6-12 STEM School)
8	Wiregrass Ranch Parcel M14 (Access Road and Mass Grading)
9	Wiregrass Ranch M25 (Access Road and Mass Grading)
10	Various Residential Subdivisions and Commercial Sites at Wiregrass Ranch

# 4. Firm Specific Qualifications



## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY

### → Firm Specific Qualifications

#### Firm Qualifications

GHD operates across five continents. We employ more than 10,000 people in 200+ offices to deliver projects with high standards of safety, quality and ethics across the entire asset value chain. As a single profit center, and through our networking systems, we work seamlessly to leverage our global talent, thus providing our clients with the best resources from around the world.

Our robust and dynamic business model has enabled GHD to grow into one of the world's leading environmental consulting, engineering, architecture, and construction services companies. **We are proud to be a 100 percent employee-owned company which make us unique.** GHD also has not had any changes in ownership or management in the past five years. With one in every four of our people being a shareholder, GHD does not have any external ownership. The sustained growth, direction, and success of our company are determined by the people who work at GHD. This allows us to plan for the long-term, setting strategies that enable growth and develop some of the world's best technical capabilities.

The CCD will benefit from both the wide range of project experience GHD possesses through working with multiple local municipalities and agencies such as Pasco County and Pasco County Schools as well as our knowledge of Pasco County and FDOT procedures, process, and regulations. We have been serving Wiregrass Ranch and private developers in Wesley Chapel for over 20 years as a trusted Environmental Engineering partner and we look forward to providing Geotechnical Engineering and Materials Testing Services.

#### Overview of our Local Qualifications

GHD's qualifications and capabilities for providing superior quality and cost effective services are well known within Florida and, more specifically, in Wesley Chapel and Pasco County.

GHD's local professional resources can successfully perform all services and specific tasks outlined in the CCD's request for qualifications. GHD is a client-driven firm, and as such, our professionals will work with the CCD to create scope, schedule and budget tailored for each assigned task for this contract. Our team is aware that project management is unique under a contract that incorporates a wide range of tasks, and that specific projects require unique skill sets and professional expertise, which our Team possess.

For over 30 years, GHD has continued to expand our expertise and skills that support the local Tampa Bay area. We provide local geotechnical/geologic, stormwater, and environmental engineering services. Our local office also operates an in-house CMT/geotechnical laboratory, and our local staff hold Special Inspector and Certified Welding Inspector qualifications. We employ a licensed water well contractor in the State of Florida through SWFWMD. We also have multiple conventional drill rigs and a direct push rig to support our geotechnical and environmental disciplines. Our staff routinely respond immediately (within hours) to testing and/or site visit requests from our clients, and we have locally available technical resources within the Wesley Chapel area that daily support ongoing development projects.

The following are a **few key strengths** that make GHD uniquely qualified to deliver exceptional service to the CCD:

- **Experience:** GHD has decades of experience in negotiating cost effective solutions for clients in Florida, including Wiregrass Ranch and their associated development entities. Our strong understanding of local subsurface conditions, experience with local soil fill blending, and intimate knowledge of Pasco County testing requirements will be a benefit for the CDD.
- **Familiarity & Understanding:** GHD has provided Geotechnical Engineering and Construction Materials Testing services to Wiregrass Ranch, Locust Branch, and other private developers for numerous roadway projects along with residential and commercial development projects within Wesley Chapel. We have also provided engineering consultation services to other local CDD and HOA entities within the Tampa Bay area, including attending monthly meetings when required. As a result, we are familiar with the CCD's business processes and expectations.

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY

- **Expertise:** GHD's local professionals and staff are truly experts in their field. Our geotechnical team has been working together in Florida for over 17 years and are a cohesive unit that works to ensure we are providing the best solutions and services to our clients. We have extensive knowledge with the local geology, sinkholes, materials testing, environmental services, construction inspection, and other related services requested by the CDD. We are also familiar with Pasco County Land Development code requirements and processes, including evaluation of potential geologic hazards on each site prior to construction and final submission of geotechnical certification forms upon construction completion.
- **Our Local Project Experience:** Since we have been working locally for over 30 years, our staff has the proven knowledge and experience. We have provided local project example and a table reflecting a sampling of our local experience as well. **GHD has completed well over 400 projects within Wiregrass Ranch and central to eastern Pasco County.**
- **In-house Services:** We are a one-stop firm for CDD. GHD can provide any service with ease because we have multiple in-house disciplines to service the CCD. Along with the requested Geotechnical Engineering and Construction Materials Testing services, we can also provide environmental engineering services and natural resources consultation for challenges that may arise with development in sensitive ecosystems. We also have local marine & coastal experts and structural engineers that can provide innovative solutions for pond bank stabilization, earth retaining structures, and forensic inspections of existing infrastructure.

### Local Capabilities

**Geotechnical Engineering:** Our local geotechnical engineers can provide a comprehensive scope of geotechnical testing and consulting services for various projects, such as roadways, bridges, pipelines, wastewater and water treatment plants, educational facilities, school developments, parking garages, airports, medical facilities, ports, communication structures, land development and a myriad of single and multi-story buildings. Our senior geotechnical engineers in Tampa each have at least 20 years of local experience and possess extensive familiarity with difficult soil and subsurface conditions requiring engineered solutions.

Our foundation repertoire includes shallow spread footings, mat foundations, driven and auger-cast piles, and drilled shafts. Ground improvement and sinkhole remediation methodologies, such as dynamic compaction, cementitious pressure grouting, chemical grouting, inverted rock filters, deep vibratory compaction, in-situ mixing, soil additives and geosynthetics, have been especially useful tools in our store of methods to conserve your time and money on difficult projects. Our geotechnical capabilities also include retaining walls and excavation support systems, as well as evaluation of existing pavement sections and recommendations for repair/mitigation. Our experience in high groundwater areas also has provided us with the opportunity to monitor the performance of cement-treated road base designs. GHD's long history in the Wesley Chapel area has also provided us with specific expertise regarding blending of on-site soils for roadway and structure fill.

**In-House Drilling Services:** GHD owns and operates a fleet of truck-mounted and track-mounted drill rigs, along with very limited-access tripod drilling equipment and a direct push technology (DPT) rig. Our senior drillers and driller helpers are experienced with operating all our in-house drilling equipment, multiplying the agility we have to respond to unforeseen site changes or scope additions. On a monthly basis, GHD's drill crews complete a variety of geotechnical projects ranging from power auger borings for roadway soil surveys to deep pilot borings with rock coring for drilled shaft design. They also complete environmental soil probes and well abandonment for historic water wells through our on-staff licensed well



#### PHSC Porter Campus - Wiregrass Ranch

*GHD initially conducted a geophysical survey and a series of soil borings in order to provide geotechnical engineering evaluations for the buildings, pavement areas and stormwater collection ponds. As the foundation design process continued, GHD was again retained to provide final design-level geotechnical exploration and engineering services, along with a pilot boring program.*

*During construction, we provided engineering monitoring services of pile load tests, auger-cast pile installation, and earthwork activities, as well as construction materials testing of soil, asphalt and concrete.*

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY



# Geotechnical Capabilities

- Site Development Feasibility and Geohazards Studies
- Design Level Geotechnical Engineering
- Geological and Hydrogeological Studies
- Alternative Pavement Section and Design Recommendations
- Subsurface Utility Studies
- Foundation Alternative and Design Recommendations
- Groundwater Level Measurements and Seasonal High Estimates
- Settlement Evaluations
- Slope Stability and Embankment Design
- Borrow Soil Suitability
- Geotechnical Modeling
- Retaining Wall Engineering
- Landfill Systems Design
- Earth Dams
- Failure Analysis and Remediation Design
- Sinkhole Risk Assessment and Remediation
- Construction Vibration Risk Assessment and Planning
- Construction Phase Consultation, QA/QC Testing, and Value Engineering

contractor. Within the Wiregrass Ranch, our drill crews are familiar with the ranch property and access requirements, with special care taken in cattle grazing areas.

**Geophysical Services:** GHD's Tampa office also employs an experienced staff of geophysical services personnel who are well-trained and certified to provide a wide variety of geophysical techniques, such as Ground-Penetrating Radar (GPR), Electrical-Resistivity Imaging (ERI), and Multi-Channel Analysis of Surface Waves (MASW) testing. GHD uses these services in multiple geotechnical, environmental, construction, and other engineering applications. Some of these geophysical applications have included location and delineation of unknown buried utilities, site suitability for stormwater retention basin (wet/dry pond) design, geologic hazard assessments, landfill and buried waste detection/delineation, evaluations of soil/rock properties and reinforcement mapping of concrete.



### General Geotechnical and CMT Services by GHD

*GHD provides similar services to multiple local municipalities and private clients. We can successfully provide the required services regardless of the task location or requirements. We are your go-to firm.*

## Geophysical Applications

### Geotechnical

- Clay and Sand Mapping
- Organic Soil Detection
- Sinkhole Feature Identification
- Bedrock Mapping
- Landfill Material and Disturbed Soil Delineation

### Construction Testing

- Rebar/Post-Tension Cable Detection
- Concrete Void/Thickness Identification
- Corrosion Detection
- Select Utility Mapping/UST Locating

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY

**Construction Materials Testing:** GHD maintains a 2,500 square foot multifaceted modern construction materials testing laboratory. We specialize in testing and analysis of the properties and performance behavior of soils and all forms of materials used in the construction and development industries, including field testing of soils, asphalt, road base, concrete and masonry. **GHD can respond to CDD's requests for services within two hours or less, and will be at the job site within 10 minutes of the agreed upon time for construction materials testing and sample gathering.** Our staff is available nights, weekends and holidays, and everyone is equipped with smart phones and other devices for responsive communication.

Soils laboratory and field tests will be performed by our Tampa office staff. GHD's in-house laboratory is a Florida Department of Transportation (FDOT) qualified laboratory, Construction Materials Engineering Council (CMEC) accredited and we maintain qualifications in accordance with FDOT's and CMEC's Laboratory Qualification Program. Our laboratory equipment is routinely maintained and, as part of our Quality Assurance Program, inspection of our laboratory is regularly performed to recalibrate equipment and maintain standards. Analyses are conducted in conformance with applicable ACI, FDOT, ASTM and AASHTO standards and protocols. Our technicians are Certified Engineering Technicians under State of Florida regulations applicable to their particular work duties, with knowledge of standardized test methods and calibration of testing equipment. They are supervised by a State of Florida Licensed Professional Engineer. Additionally, every GHD lab technician is trained and tested in the areas of health and safety. Certifications and training status documentation is maintained for each technician. We are equipped with testing equipment for soil, aggregate, concrete, and asphaltic concrete. GHD has in-house equipment for specialized testing also available for our use. Our in-house staff is also capable of performing construction observations and quality control operations such as threshold inspections, rebar placement verification, structural steel erection verification, pre-cast concrete field-review, pavement construction observations, welding inspections, pile installation monitoring, and aggregate/base source specification compliance. We also maintain in-house seismographic equipment for on-demand construction vibration monitoring or for post-construction forensic analysis.



### Wiregrass Ranch Boulevard (Phases 2, 3, and 4)


*GHD provided construction materials testing services with geotechnical engineering support for this residential collector road segment from State Road 56 and north of Chancey Road in Wesley Chapel, Florida.*

### Common Material Testing Procedures are Listed Below (but not limited to):

Proctors (ASTM D1557)	Concrete Cylinders (ASTM C39)	Field Densities (Sand Cone & Nuclear Method) (ASTM D6938)	Limerock Thickness Determinations (& More)
Limerock Bearing Ratio (FM 5-515)	Quality Limerock Chemical Analysis	Turbidity Test (ASTM D6855)	Soil Cement Mix Design
Comprehensive Strength of Soil Cement Cores	Monitoring Soil Cement Installation	Sieve Analysis of Fine & Course Aggregates (ASTM C136)	Soil Classifications per (ASTM D2487) and (AASHTO M145)
Test Strip for Asphaltic Concrete Laydown	Permeability of Granular Soils (Falling & Constant Head) (ASTM D5084)	Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate (ASTM C88)	Resistance to Abrasion by Use of the Los Angeles Machine (ASTM C535-09)
Determining pH of Soil and Water (FM 5-550)	Resistivity of Soil and Water (ASTM G187)	Chloride in Soil and Water	Sulfate in Soil and Water
Chloride in Retaining Wall Soil Backfill	Specific Gravity of Course Aggregate (ASTM C127)	Hand Auger Borings (ASTM D 1452)	Organic Content (ASTM D 2974)
Standard Percolation Test (ASTM E2242)	Corrosivity Series (ASTM G-162) (10)	Air Content of Fresh Concrete (C138)	Beam Preparation of Fresh Concrete & Pickup (ASTM C31)
Laboratory Flexural Strength of Molded Beams (C42-10)	Rebound Number of Hardened Concrete (ASTM C805)	Coring of Hardened Concrete (ASTM C42)	Laboratory Compression of Concrete Cores (ASTM C39)
Specific Gravity & Absorption of Fine Aggregate (ASTM C128)	Dry Rodded Unit Weight of Fine or Coarse Aggregate (ASTM C29)	Determination of the Relative Density of Hot Mix Asphalt (Super Pave) (ASTM D6925)	Quantitative Determination of Asphalt Content From Asphalt Paving Mixtures
Mechanical Analysis of Extracted Aggregate (ASTM D5444)	Maximum Specific Gravity of Bituminous Paving Mixtures (ASTM D2172)	Bulk Specific Gravity of In-Place Bituminous Pavement Cores (ASTM D27726)	Density of Bituminous Concrete Mixtures In-Place by the Nuclear Method (ASTM D2950)

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY

	Local Project Experience 	Services			
		Geotechnical	Drilling	CMT/Special Inspections	Fill Blending Observations
1	Wiregrass Ranch Blvd. Phases 2, 3, and 4	X	X	X	X
2	Hueland Pond Boulevard	X	X	X	X
3	Wiregrass Ranch S4 Collector Road	X	X		
4	Chancey Road Phase 3	X	X		
5	PHSC Porter Campus at Wiregrass Ranch	X	X	X	X
6	Pasco County Cypress Creek MS & HS	X	X	X	X
7	Pasco County School LLL (Angeline 6-12 STEM School)	X	X	X	X
8	Wiregrass Ranch Parcel M14 (Access Road & Mass Grading)	X	X	X	X
9	Wiregrass Ranch Parcel M25 (Access Road & Mass Grading)	X	X		
10	Wiregrass Ranch Parcel M29 (Access Roads & Ponds)	X	X		
11	The Ridge at Wiregrass Ranch	X	X	X	X
12	Winding Ridge	X	X	X	X
13	Sterling Ridge (Wyndfields North)	X	X	X	X
14	Two Ridges Pond (Poplar Brook Drive)	X	X	X	X
15	Windermere Estates Townhomes	X	X	X	X
16	Esplanade at Wiregrass Ranch	X	X	X	X
17	Persimmon Park at Wiregrass Ranch	X	X	X	X
18	Baxter Townhomes	X	X		
19	River Landing	X	X	X	X
20	Seven Oaks Townhomes (Maple Glen)	X	X		
21	Pasco County School (Double Branch Elem)	X	X		
22	Paso County School (Veterans Elem)	X	X		
23	Pasco County School (Longleaf Elem)			X	
24	Hilton Garden Inn - Wesley Chapel	X	X	X	
25	Mercedes-Benz of Wesley Chapel	X	X		
26	7-Eleven at Wiregrass Ranch (Store No. 41870)	X	X	X	X
27	Beach House Assisted Living Facility	X	X	X	X
28	Kiddie Academy of Wiregrass Ranch	X	X	X	X
29	Primrose School of Wesley Chapel	X	X		
30	Burger King - Wesley Chapel	X	X		
31	Wiregrass Ranch Parcel M7 and M15 Towncenter	X	X		
32	Wiregrass Ranch Parcel M2 Townhomes	X	X		
33	Wiregrass Ranch Parcel M3 Mitigation Areas and Mass Grading	X	X		
34	Wiregrass Ranch Parcel M26 Pond Areas	X	X		
35	Wiregrass Ranch Parcel M14 Lot B - Commercial Site	X	X		
36	Wiregrass Ranch Parcel M20 Lot 2 - Commercial Site	X	X		
37	Wiregrass Ranch Parcel M25 Lot 2 - Commercial Site	X	X		
38	Wiregrass Ranch Parcel M28 Phase 3 and 4 - Commercial Site	X	X		
39	Tidal Wave Auto Spa - Wesley Chapel	X	X		
40	Wyndfields South - Pond Borrow Assessment	X	X		
41	Epperson Ranch Govreau Road Parcel - Pond Borrow Assessment	X	X		
42	Ashton Oaks Villas - Lot Pad Evaluations	X	X		
43	Chapel Chase - Lot Pad and Geologic Hazards Evaluation	X	X	X	
44	Lexington Oaks Roadway Depression Assessment & Grout Monitoring	X	X	X	
45	Wiregrass Ranch Parcel M11 Surface Water B - Backfilling Recommendations	X			

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY

Our staff has worked together for so long they anticipate the needs of each other before the need can even arise. We are truly a family, and our proven work quality and client feedback is unparalleled. **This benefit allows the CDD to trust the GHD team and have the assurance of a successfully delivered project.**

### **Additional In-house Support for CDD and Wiregrass Ranch Community**

**Environmental Engineering:** For this contract our geotechnical team will have easy access to our local environmental staff of over 30 professionals. They have completed countless Phase I/II's, water quality, site remediation, and site rehabilitation projects throughout the Tampa Bay area. We have also provided more specialized services including, for example, emergency response. As a leader in environmental assessment and contaminated site cleanup, GHD Services is also continuously improving our ability to characterize and rehabilitate contaminated properties, which can provide faster results and cost-savings for CDD.

We understand that geotechnical and CMT services may be occurring at active construction sites. As such, it is not uncommon to encounter unexpected conditions in the subsurface. If required, GHD can provide immediate environmental support services in order to avoid delays for ongoing construction. We routinely respond immediately to evaluate buried debris, tanks, odors, and/or unidentified liquids and quickly develop mitigation plans. **Mr. Brian Moore, Business Group Leader for the Southeast USA Environmental Practice, will be consulted to provide any necessary resources and technical support under this contract.**

**Regardless of the question, GHD has the expertise to complete a routine water quality sampling program, develop a complex contaminant fate and transport model, or conduct full-scale environmental assessment and remediation.**

**Marine and Coastal Engineering:** GHD has over 17 dedicated marine and coastal professionals in the Southeast, equipping us with a diverse team to develop the most effective adaptations and solutions to these challenges. Our distinguished team includes recognized leaders in marine structures, climate change, coastal and maritime design and modeling, waterfront development, port planning and logistics, coastal and ecosystem restoration, coastal zone resource planning, shoreline protection engineering and construction, biological monitoring, and reef restoration.

This in-house service will benefit CDD as we can easily supplement any task with a coastal or marine structural engineer for a successful task as needed. We are innovative to our coastal solutions and always have the client's expectations at the forefront. For this contract, we envision that these additional services could include pond or stream channel stabilization consultation for the numerous wetlands and drainageways that meander throughout the Wiregrass Ranch area.

## → Project Approach

GHD has the extensive knowledge and understanding of how this and other similar contracts operate. We will use this experience to provide concise and high quality services to Wiregrass II CDD. GHD recognizes the value of having immediate access to pre-qualified consultants to minimize the costs and delays inherent to the consultant selection process. GHD's job as your contractor is to maximize the value of your dollars by minimizing the amount of CDD staff time and resources required to deliver tasks and to provide CDD with outstanding project management, coordination, and deliverables that meet your standards and match or exceed your expectations. We will undertake your task assignments with a full appreciation that the reason you hire professional consultants is to supplement your existing capabilities and act as an "extension" of your staff.

**Proven Project Management Approach:** Clear communication from initial project concept and through final execution is a key priority for GHD's Project Manager. Mr. Janosik will be responsible for the overall technical and administrative management of this contract. In this capacity, he will serve as the single point of contact for CDD, submitting and negotiating task orders, budgets and schedules, providing status updates and progress reports, submitting deliverable

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY

work products and invoices, and delivering technically sound, timely, cost-effective performance. Mr. Janosik will also be responsible for matching the skills of GHD's personnel to assigned tasks, allocating resources, and communicating technical requirements, milestones and budgets to staff. While the project is underway, he will monitor progress, developing and implementing corrective actions when required. **GHD commits to being available for meetings, general communications, coordination, and supervision as needed.** As an example, Mr. Janosik regularly conducts site reviews within Pinellas County, and will be available to CDD for scheduled site meetings, as well as on-call consultation.



### Concept Design through Construction



**Approach to Managing CDD's Services Contract:** Under the proposed geotechnical and materials testing services contract, we intend to put into action four activities to manage schedule and budget requirements successfully. The four activities will describe the framework for successful project completion and has been proven under our current environmental service contract with CDD.

- 1) Initial Site Visit:** An initial site visit establishes rapport with CDD representative and an appreciation for the circumstances of the site. During the visit, a request is made to obtain site figures, utility location maps (where appropriate) and features are identified that may pose a hazard or hindrance to the project team, the public, or CDD. In order to deliver the appropriate work product, we also inquire about the objective of the requested services and how the services fit into the overall project, including the schedule. The initial site visit provides the basis for developing a detailed scope of work.
- 2) Detailed Scope of Work:** The scope of work is the project's "road map." The successful progress of any task can be attributed to the clarity by which the work task has been understood by the Task Manager. We emphasize the preparation of a correct and detailed scope of work to launch each task.
- 3) Monthly Project Summaries:** Many CDD task orders can be completed within one or two months, but long-term construction projects often extend six months or more for each phase. Short-term tasks rarely result in budget and schedule conflicts, and longer term construction projects are managed through tracking typical milestones vs. contractor look-ahead schedules. GHD prepares monthly summary reports for all projects to keep CDD's Project Manager current.
- 4) Communications:** GHD's technicians and professional engineers are accustomed to maintaining continuous communication with the project manager during completion of projects. We can be on a project site within hours of notification. GHD can provide night and weekend availability to CDD. E-mail and/or text messages concerning project conditions, site access agreements, and regulatory issues have proven a successful communication tool while completing assigned tasks.

GHD understands that following the initial discussion with CDD's project manager and completion of the site visit (if required), a detailed scope of work will be developed by GHD that reflects the understanding of the overall objectives and detailed tasks that need to be completed. Once the scope of work and cost estimate are submitted, work will proceed following Written Notice-to-Proceed. Similarly, following completion of a particular task, a detailed invoice will be prepared that reflects the specific items completed and the percent of task completion. GHD will provide detailed information on all of our invoices, as needed.

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY

**Prioritize the Work:** As part of our weekly project manager meetings, we review our workload projections. The reviews include evaluating project objectives, scopes, types of service to be performed, and both office and field personnel allocation. We discuss and review all of the tasks that need to be completed and organize them by level of importance. Prioritizing tasks provides a guide for employees to follow, and increase their efficiency.

**Flexibility and Adaptability:** We encourage “bottom up” communications to our management team, so that “reality checks” can be made on both current time commitments, and as new work is awarded. This activity is an integral part of our overall project management system.

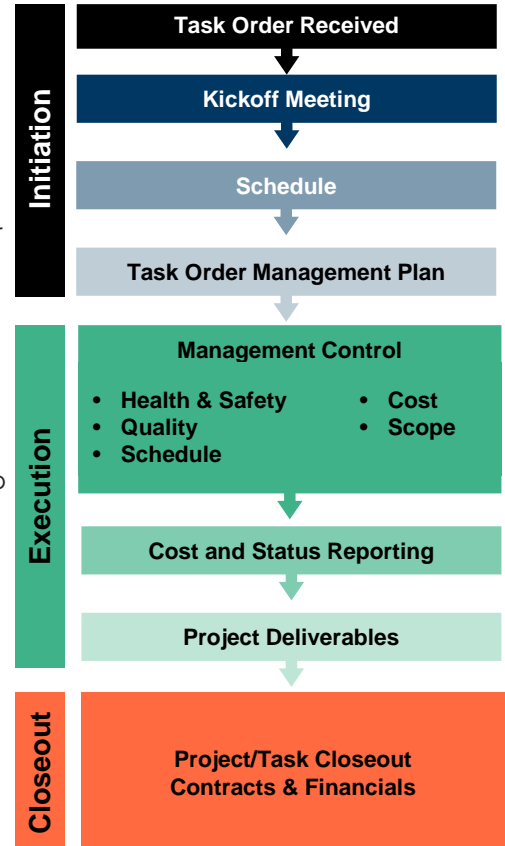
To assist with any unforeseen circumstances, GHD identifies all appropriate backup staffing at the planning or implementation phases of the project. After many years of providing services to our clients, GHD has found that being prepared ahead of time, not only reaffirms our commitment to our client, but also ensures proper and timely completion of all tasks assigned.

We have sufficient staff to support this contract so we will not experience a circumstance where we will be unable to respond to a request for a site visit or meeting from CDD staff on an expedited basis. GHD is committed to meet the challenges and respond to “last minute” requests to ensure they don’t interfere with project deadlines. Furthermore, the proximity of our staff and resources allows for a quick response in the instance of an out-of-the-ordinary event.

**Clear Communications:** One of our most effective tools is clear communications. Our team’s extensive resources and technology will have a positive impact upon project schedule, even during peak demand periods. The CDD will benefit from access to our highly qualified, motivated, and committed personnel. With over 75 personnel in our Tampa office we have more than adequate staff to provide the services necessary throughout the duration of this contract. GHD is large enough to provide daily uninterrupted, quality services throughout the life of the contract, but small enough to commit qualified personnel.

**Subconsultants:** The completion of project tasks (as directed by the project manager) will use all in-house staff, however, we will utilize subconsultants as needed. For specialty services or to supplement GHD provided services, we are fortunate to have had long standing relationships with each of the subconsultants selected to assist with this contract.

Jupiter Environmental Laboratories (Jupiter) will provide fixed laboratory services. Jupiter is a full service, WBE/SBE, environmental lab offering a complete range of standard EPA methods for analyzing soil, water, drinking water, and hazardous waste. The laboratory has been in business for over 22 years and has numerous certifications including NELAP, DoD ELAP and ISO 17025. Jupiter has a strong reputation in the industry for providing outstanding quality data. Jupiter’s staff are chemists with many years of experience in both research and production environments. Jupiter has two PhDs on staff providing clients with a technical resource in the areas of method development, custom programming



### Moving Forward

The challenges and demands of a remote business during periods of uncertainty does not have to mean cancellations or delays of planned activities. Shifting how we communicate and consult through virtual alternatives keeps project schedules on track. Well-tailored virtual solutions are needed now more than ever and are not new to GHD. Our proven project management and system tools enable our teams to work remotely or in office. Our suite of tools allow our teams to track progress and allocate staff, develop detailed schedules, and monitor and visualize project performance.



## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY

and regulatory issues. Jupiter's mission is to provide their clients with the best data quality technically available together with excellence in customer service.



MC Squared, Inc. (MC2) Founded in 2001, MC Squared, Inc. is a consulting and engineering firm specializing in geotechnical and foundation engineering, dams and reservoirs, environmental, construction inspection and material testing, value engineering, Pile Driving Analysis (PDA), instrumentation, geophysics and pavement management, for nearly 20 years. MC2 staff has worked on several projects throughout their careers both outside and within the southeast region of the country with vast experience and the technical know-how that comes with the profession, many of which are similar in nature to the proposed scope of work. Thus, there is no learning curve. Our goal is to provide Value-Added Consulting Engineering Services to our clients.

Simply stated, the GHD Team can effectively and efficiently provide the services required based on our firms local experience, highly knowledgeable staff, and all in-house services.

Committed to sustainable development, GHD improves the physical, natural and social environments of the communities in which we operate. We are guided by our workplace health, safety, quality, and environmental management systems, which are certified by ISO 9001:2015 through SGS Register Quality Assurance.

GHD has also developed and implemented extensive in-house training programs to promote quality and consistency across the organization. These programs include project management training, standard operating procedures for all field related activities, health and safety training, and contract specification preparation, along with frequent seminars and presentations regarding laws, regulations, and new technologies. GHD's quality commitment to our clients is reflected in our Quality Policy, which reads:

*"GHD is registered under the ISO 9001:2015 international standard in Consulting, Engineering, Project Management, Design Services, and Materials Testing. GHD's success at delivering on our client service promise is evidenced by the high percentage of repeat business that GHD enjoys with many long term clients and by the results of our client satisfaction survey conducted under our Quality Management System."*

**We lead with Quality in mind at all times.** Quality is a mindset shared by every member of Our Team. It starts by clearly understanding expectations and making a commitment to meeting them. It serves as the pillars in which we approach every project and every client interaction.

QA/QC are necessary processes that a lot of firms talk about, but few firms actually implement on a consistent basis. The Team practices QA/QC diligently for the following reasons:

- First and foremost, we take pride in what we do so it is mandatory that we produce high quality services and work products to be satisfied with the work that we do.
- Implementation and enforcement of our QA/QC practice results in consistent, high-quality deliverables to our clients. It is not our client's responsibility to QA/QC our deliverables. This process starts at the project conception, continues during project execution, and we conduct evaluation and lessons-learned workshops at project completion for continued improvement.

Our Team is committed to providing CDD with quality documents throughout the contract, from meeting agendas and summaries to the technical reports. The Project Manager will develop a detailed QA/QC plan for use with assigned task orders that all members of the Team will follow, ensuring technical accuracy, regulatory compliance, grammatical standards, consistency, and conformance to formatting across documents.

**At the heart of our Quality Management System is the delivery of high-quality services to our clients. GHD firmly believes that quality assurance/quality control is essential to delivering the consistent quality service expected by our clients. GHD's quality commitment to our clients is reflected in our Quality Policy.**

## Our Health & Safety Focus

It is GHD's belief that our employees are our most valuable resource and they deserve to practice their profession in a safe working environment. We seek to create a culture in which Health, Safety, and Environment (HSE) principles are at the forefront of everyone's mind and part of everyday business. HSE procedures are addressed and outlined in GHD's ISO 9001:2015 Quality System and our corporate HSE Management System Manual. GHD incorporates both risk management and behavior-based approaches to HSE. **Our behavior-based program is called Safety Means Awareness, Responsibility, and Teamwork (SMART).**

A job safety analysis is completed for each task assignment that involves field activities and inspection services. This job safety analysis identifies chemical and physical hazards on site. From the job safety analysis, a site-specific Health and Safety Plan (HASP) is prepared. All employees are trained to appropriate best management standards for their work.

Employees are not permitted to work in the field until they have satisfactorily completed all required regulatory and company-specific training. New hires at GHD are also required to initially conduct their field assignments under a more senior employee's watchful eye.

**Safety is a core value at GHD and reflected in our Health and Safety record**, which is among the best in our industry. Our health and safety program's success and low incident rate are a direct result of our staff, our SMART corporate health and safety program, and the fact that we have regional health and safety officers as well as local safety captains.

**Stop Work Authority** - Every GHD employee is empowered with Stop Work Authority to address unsafe conditions or unsafe acts. This includes work of coworkers, subcontractors, client employees, or other contractors if any person's safety or the environment are at risk. No repercussions will result from this action. GHD has a HSE Team that supports both field and office operations with direct 24-hour coverage.

GHD Safe Work Performance	
Year	OSHA Total Recordable Incident Rate (TRIR)*
2021	0.06
2020	0.05
2019	0.21
2018	0.23
2017	0.123

GHD's TRIR rate is well below the industry average of 1.0 as reported by the US Bureau of Statistics.

### I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

9/9/2022

33. NAME AND TITLE

Sean McCubbins, LEED AP | Business Group Leader, Geotechnical Engineering - US Southeast Region

# SF 330 Part II's





<b>ARCHITECT-ENGINEER QUALIFICATIONS</b>	1. SOLICITATION NUMBER <i>(If any)</i>
--	--

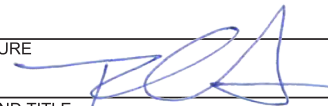
**PART II - GENERAL QUALIFICATIONS**  
*(If a firm has branch offices, complete for each specific branch office seeking work.)*

2a. FIRM (or Branch Office) NAME <b>MC Squared, LLC</b>			3. YEAR ESTABLISHED <b>2001</b>	4. UNIQUE ENTITY IDENTIFIER <b>90-0033880</b>
2b. STREET <b>5808 A-Breckenridge Parkway</b>			5. OWNERSHIP <b>LLC</b>	
2c. CITY <b>Tampa</b>	2d. STATE <b>FL</b>	2e. ZIP CODE <b>33610</b>		
6a. POINT OF CONTACT NAME AND TITLE <b>Thomas Ali, PE; COO</b>			7. NAME OF FIRM <i>(If Block 2a is a Branch Office)</i>	
6b. TELEPHONE NUMBER <b>(813) 623-3399</b>		6c. EMAIL ADDRESS <b>tali@mc2engineers.com</b>		

8a. FORMER FIRM NAME(S) <i>(If any)</i>	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
	N/A	N/A

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
02	Administrative	6	2	B02	Bridges	3
08	CADD Technician	1		C10	Commercial Buildings	1
15	Construction Inspector/Lab Tech	40	34	D04	Design Build	4
2	Environmental Scientist	1		E02	Educational Facilities	2
27	Foundation/Geotech Eng.	15	3	E09	Environmental Impact Studies	1
30	Geologist	3	2	G01	Garage, Vehicle Maint. Facilities	1
48	Geo Project Managers	13	6	H07	Highways	5
				H11	Housing	1
				P04	Pipelines	4
				S04	Sewage Collection	4
				S05	Soils and Geologic Studies	4
				S13	Storm Water Handling	2
				T02	Testing and Inspection	5
				W03	Water Treatment	6
	Other Employees	8				
<b>Total</b>		<b>87</b>	<b>47</b>			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>	PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
	a. Federal Work		1. Less than \$100,000	6. \$2 million to less than \$5 million
	b. Non-Federal Work		2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
	<b>c. Total Work</b>		3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million	
		5. \$1 million to less than \$2 million	10. \$50 million or greater	

<b>12. AUTHORIZED REPRESENTATIVE</b> <i>The foregoing is a statement of facts.</i>	
a. SIGNATURE 	b. DATE <b>09/08/2022</b>
c. NAME AND TITLE <b>Thomas Ali, PE; COO</b>	

# MBE Certificates

**Jupiter Environmental Laboratories**



**MC Squared**





# Licenses

# *State of Florida*

## *Department of State*

I certify from the records of this office that GHD SERVICES INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on October 16, 2003.

The document number of this corporation is F03000005291.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on March 10, 2022, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Twenty-third day of March,  
2022*



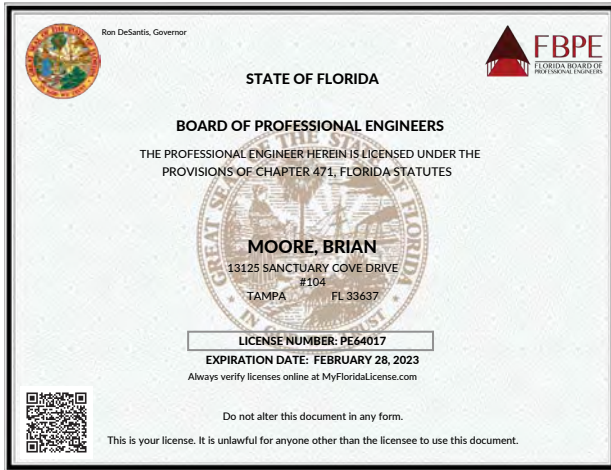
*Randy Bee*  
Secretary of State

Tracking Number: 8197973734CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

## Firm PE License



Ron DeSantis, Governor

STATE OF FLORIDA

FBPE  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**MOORE, BRIAN**  
13125 SANCTUARY COVE DRIVE  
#104  
TAMPA FL 33637

LICENSE NUMBER: PE64017  
EXPIRATION DATE: FEBRUARY 28, 2023  
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## Firm PG License



Ron DeSantis, Governor

STATE OF FLORIDA

dbpr  
FLORIDA BOARD OF PROFESSIONAL REGULATION

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS

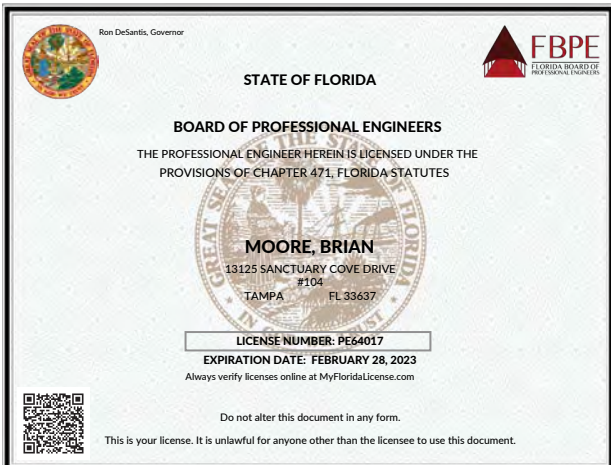
THE PROFESSIONAL GEOLOGIST HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

**ENOS, GABRIELLE M**  
GHD SERVICES INC  
5904 HAMPTON OAKS PARKWAY  
SUITE F  
TAMPA FL 33610

LICENSE NUMBER: PG605  
EXPIRATION DATE: JULY 31, 2024  
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## GHD Staff Professional Licenses



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BOARD OF PROFESSIONAL ENGINEERS

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#104  
TAMPA FL 33637

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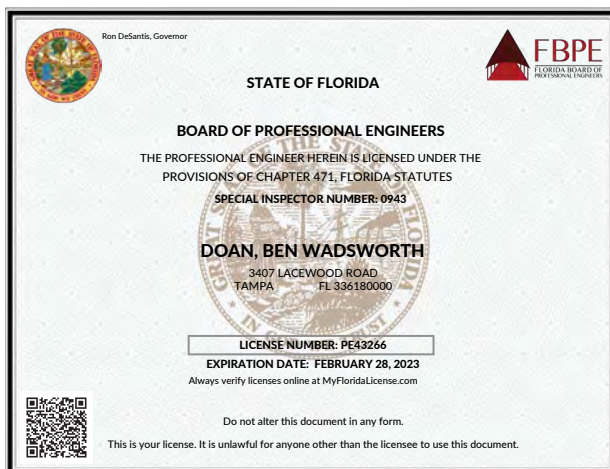
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**JANOSIK, STEVEN A.**  
434 S. RIVERHILLS DRIVE  
TEMPLE TERRACE FL 33617

LICENSE NUMBER: PE69825  
EXPIRATION DATE: FEBRUARY 28, 2023  
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SPECIAL INSPECTOR NUMBER: 0943

**DOAN, BEN WADSWORTH**  
3407 LACEWOOD ROAD  
TAMPA FL 336180000

LICENSE NUMBER: PE43266  
EXPIRATION DATE: FEBRUARY 28, 2023  
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FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**PHILLIPS, JOHN COLLIER**  
2113 HILLS AVENUE  
TAMPA FL 33606

LICENSE NUMBER: PE47586  
EXPIRATION DATE: FEBRUARY 28, 2023  
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GHD Staff Professional Licenses Continued





**BLANK**

**WIREFRASS II CDD DISTRICT ENGINEER REQUEST FOR QUALIFICATIONS RANKING SHEET**

GHD	AREHNA

**1. Ability and Adequacy of Professional Personnel (25 points)**

Consider the capabilities and experience of key personnel within the firm including certification, training, and education; affiliations and memberships with professional organizations; etc.

--	--

**2. Consultant's Past Performance (25 points)**

Past performance for other Community Development Districts in other contracts; amount of experience on similar projects; character, integrity, reputation of respondent; etc.

--	--

**3. Geographic Location (20 points)**

Consider the geographic location of the firm's headquarters, offices and personnel in relation to the project.

--	--

**4. Willingness to Meet Time and Budget Requirements (15 points)**

Consider the consultant's ability and desire to meet time and budget requirements including rates, staffing levels and past performance on previous projects; etc.

--	--

**5. Certified Minority Business Enterprise (5 points)**

Consider whether the firm is a Certified Minority Business Enterprise. Award either all eligible points or none.

--	--

**6. Recent, Current and Projected Workloads (5 points)**

Consider the recent, current and projected workloads of the firm.

--	--

**7. Volume of Work Previously Awarded to Consultant by District (5 points)**

Consider the desire to diversify the firms that receive work from the District; etc.

Total

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## **Tab 9**



**RESOLUTION 2022-12**

**A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT APPROVING REQUEST FOR PROPOSAL DOCUMENTS FOR THE DISTRICT’S WIREGRASS RANCH BOULEVARD PHASE 3B AND 4 LANDSCAPE AND IRRIGATION PROJECT; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the Wiregrass II Community Development District (“District”) is a local unit of special-purpose government created and existing pursuant to Chapter 190, *Florida Statutes* (the “Act”); and

**WHEREAS**, the Act authorizes the District to construct, operate, and maintain systems and facilities for certain basic public infrastructure, including roadway, water and sewer utilities, stormwater management and drainage facilities, amenity improvements, landscaping, irrigation and associated neighborhood infrastructure; and

**WHEREAS**, it is in the District’s best interests to competitively solicit proposals through a Request for Proposals (“RFP”) process for its Wiregrass Ranch Boulevard Phase 3B and 4 Landscape and Irrigation Project (the “Project”); and

**WHEREAS**, the Board desires to approve in substantial form the RFP notice and Evaluation Criteria for the Project attached hereto as **Exhibit A**; and

**WHEREAS**, the Board desires to authorize the Chairman or Vice Chairman, in consultation with District staff, to effectuate any revisions to the documents attached as **Exhibit A**, and the preparation of the additional documents necessary to prepare a final RFP project manual for the Project, and other documents that are in the best interests of the District; and

**WHEREAS**, the Board further desires to authorize the Chairman or Vice Chairman, in consultation with District staff, to approve the scope of the Project that will be subject to the RFP, the timing of the RFP notice, and all procedural matters related to the RFP.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT:**

**SECTION 1.** All of the representations, findings and determinations contained above are recognized as true and accurate, and are expressly incorporated into this Resolution.

**SECTION 2.** The Board hereby approves in substantial form the documents attached hereto as **Exhibit A**, and subject to further review and revision by District staff as finally approved by the Chairman or Vice Chairman.

**SECTION 3.** The Board hereby authorizes the Chairman, in consultation with District staff, to 1) effectuate any revisions to the documents attached as **Exhibit A**, and the preparation of the additional documents necessary to prepare the RFP; and 2) approve the scope of the Project that will be subject to the RFP, the timing of the RFP notice, and all procedural matters related to the RFP. Consistent with such approvals, the Chairman, District Manager, District Counsel, District Engineer, Secretary, and Assistant Secretaries are hereby authorized, upon the adoption of this Resolution, to do all acts and things required of them to effect the procurement contemplated by the RFP, and all acts and things that may be desirable or consistent with the RFP's requirements or intent. The Chairman and Secretary are hereby further authorized to execute any and all documents necessary to affect the RFP. The Vice Chairman shall be authorized to undertake any action herein authorized to be taken by the Chairman, in the absence or unavailability of the Chairman, and any Assistant Secretary shall be authorized to undertake any action herein authorized to be taken by the Secretary, in the absence or unavailability of the Secretary.

**SECTION 4.** If any provision of this Resolution is held to be illegal or invalid, the other provisions shall remain in full force and effect.

**SECTION 5.** This Resolution shall become effective upon its passage and shall remain in effect unless rescinded or repealed.

**PASSED AND ADOPTED** this 22nd day of September 2022.

ATTEST:

**WIREGRASS II COMMUNITY  
DEVELOPMENT DISTRICT**

\_\_\_\_\_  
Secretary / Assistant Secretary

\_\_\_\_\_  
Chairperson, Board of Supervisors

**Exhibit A:** RFP Notice and Evaluation Criteria

Exhibit A

**WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT**

**REQUEST FOR PROPOSAL FOR  
WIREGRASS RANCH BOULEVARD PHASE 3B AND 4 LANDSCAPE AND IRRIGATION PROJECT**

Notice is hereby given that the Wiregrass II Community Development District (the “District”) will receive proposals for the following District project:

**Wiregrass Ranch Boulevard Phase 3B and 4 Landscape and Irrigation Project**

The contract will require contractors to provide for the construction, labor, materials and equipment necessary to construct and install certain landscape and irrigation improvements relative to the Wiregrass Ranch Boulevard Phase 3B and 4 Landscape and Irrigation project, including any other associated scopes necessary to complete such improvements, as more particularly described in the Project Manual and in accordance with the plans and specifications. All submittals must include pricing for both landscape and irrigation. By submitting a proposal, Proposers understand and agree that the project shall be completed within \_\_\_\_\_ calendar days of issuance of the Notice to Proceed.

The Project Manual, consisting of the proposal package, contract, proposal form, plans, and other materials, will be available for public inspection and may be obtained beginning \_\_\_\_\_, **2022 at 12:00 p.m.** at the offices Ardurra Group, Inc., located at 4921 Memorial Highway, Suite 300, Tampa, Florida 33634 at a cost of \$\_\_\_\_\_, which represents the approximate cost of reproduction. Checks should be made out to Ardurra Group, Inc.

There will be a **mandatory pre-bid proposal conference** on \_\_\_\_\_, **2022 at \_\_\_\_\_:00 p.m.** via Microsoft Teams which can be accessed by utilizing the following log-in information:

[INSERT MICROSOFT TEAMS LINK]

Please reach out to the District’s Engineer Nicole Lynn at [nlynn@ardurra.com](mailto:nlynn@ardurra.com) for questions regarding the log-in instructions. Failure to attend may preclude a proposer from responding to this Request for Proposals.

Proposals will be evaluated in accordance with the criteria included in the Project Manual. **The District reserves the right to reject any and all proposals, make modifications to the work, award the contract in whole or in part with or without cause, provide for the delivery of the project in phases, and waive minor or technical irregularities in any Proposal, as it deems appropriate, if it determines in its discretion that it is in the District’s best interests to do so.** Any protest of the Project Manual, including, but not limited to the terms and specifications must be filed with the District within 72 hours of pickup of the Project Manual, together with a protest bond in a form acceptable to the District and in the amount of \$10,000.00. Filing will be perfected and deemed to have occurred upon receipt by the District Manager, Rizzetta & Company, Inc., 5844 Old Pasco Road, Suite 100, Wesley Chapel, Florida 33544. In the event the protest is successful, the protest bond shall be refunded to the protestor. In the event the protest is unsuccessful, the protest bond shall be applied towards the District’s costs, expenses and attorneys’ fees associated with hearing and defending the protest. Failure to timely file a protest will result in a waiver of proceedings under Chapter 190, *Florida Statutes*, and other law.

Firms desiring to provide construction services for the referenced project must submit one (1) original and one (1) electronic copy of the required proposal no later than  :00 p.m. on \_\_\_\_\_, 2022 at the offices of Rizzetta & Company, Inc., 5844 Old Pasco Road, Suite 100, Wesley Chapel, Florida 33544, (813) 994-1001. The District will conduct a special public meeting at the offices of the District Manager, Rizzetta & Company, Inc., 5844 Old Pasco Road, Suite 100, Wesley Chapel, Florida 33544, at such time to publicly open the proposals. No official action will be taken at the meeting. The meeting is open to the public and will be conducted in accordance with the provisions of Florida law including but not limited to Chapter 190, *Florida Statutes*. A copy of the agenda for the meeting may be obtained from the District Manager. The meeting may be continued in progress without additional notice to a time, date, and location stated on the record. Pursuant to provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this meeting is asked to advise the District Office at least forty-eight (48) hours before the meeting by contacting Rizzetta & Company, Inc., the District Manager, at (813) 994-1001. If you are hearing or speech impaired, please contact the Florida Relay Service at 1 (800) 955-8770, who can aid you in contacting the District Office.

As further described in the Project Manual, each proposer shall supply a bid bond or cashier's check in the sum equal to five percent (5%) of the total amount of the bid with its proposal. Proposals shall be in the form provided in the Project Manual and submitted in a sealed envelope pursuant to the Instructions to Proposers. The District reserves the right to return unopened to the Proposer any proposals received after the time and date stipulated above. Each proposal shall remain binding for a minimum of one hundred and twenty (120) days after the proposal opening.

The successful Proposer will be required upon award to furnish a payment and performance bond for one hundred percent (100%) of the value of the contract, with a Surety acceptable to the District, in accordance with section 255.05, *Florida Statutes*.

All questions regarding the Project Manual or this project shall be directed in writing only to the District's Engineer, Nicole Lynn at [nlynn@ardurra.com](mailto:nlynn@ardurra.com), with a copy to the Project Manager, Scott Sheridan at [scott@thewiregrassranch.com](mailto:scott@thewiregrassranch.com), and to District Counsel, Lindsay Whelan at [lindsay.whelan@kutakrock.com](mailto:lindsay.whelan@kutakrock.com), by \_\_\_\_\_, 2022 at 5:00 P.M. No phone inquiries please.

**WIREFRASS II COMMUNITY DEVELOPMENT DISTRICT**  
**Request for Proposals – Wiregrass Ranch Boulevard Phase 3B and 4 Landscape and Irrigation**  
**Evaluation Criteria**

1. *Personnel.* (10 Points)

(E.g., geographic locations of the firm’s headquarters or permanent office in relation to the project; capabilities and experience of key personnel, including the project manager and field supervisor; present ability to appropriately staff and manage this project; evaluation of existing work load; proposed staffing levels, etc.)

2. *Proposer’s Experience.* (20 Points)

(E.g. past record and experience of the respondent with Wiregrass II CDD; past record and experience in similar projects and with other CDD’s and units of government; volume of work previously performed by the firm; character, integrity, reputation, of respondent, etc.)

3. *Understanding of Scope of Work.* (10 Points)

Extent to which the proposal demonstrates an understanding of the District’s needs for the services requested.

4. *Financial Capability.* (10 Points)

Extent to which the proposal demonstrates the adequacy of Proposer’s financial resources and stability as a business entity, necessary to complete the services required.

5. *Price.* (25 Total Points)

Points available for price will be allocated as follows:

15 Points will be awarded to the Proposer submitting the lowest cost proposal , (i.e., the summation of the unit price extensions using quantity estimates provided, the allowances shown, plus the proposal contractor’s fee) for completing the work. All other proposals will receive a percentage of this amount based upon the difference between the Proposer’s bid and the low bid.

10 Points are allocated for the reasonableness of unit prices and balance of bid.

6. *Schedule.* (25 Points)

Points available for schedule will be allocated as follows:

15 Points will be awarded to the Proposer submitting the proposal with the most expedited construction schedule (i.e. the fewest number of days) for completing the work. All other proposals will receive a percentage of this amount based upon the difference between the Proposer’s timeline and the most expedited construction schedule.

10 Points will be allocated based on the Proposer’s ability to credibly complete the project within the Proposer’s schedule without a premium cost for accelerated work and demonstrate on-time performance. These points will also take into account the demonstration of Proposer’s understanding (through presentation in the proposal of a milestone schedule) of how to meet the required substantial and final completion dates and the delivery approach outlined in the Project Manual.

# Tab 10

**INSTRUCTIONS RELATING TO LANDOWNERS' MEETING OF  
WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT  
FOR THE ELECTION OF SUPERVISORS**

DATE OF LANDOWNERS' MEETING: **November 1, 2022**

TIME: 10:30 a.m.

LOCATION: **Rizzetta & Company, Inc.  
5844 Old Pasco Road, Suite 100  
Wesley Chapel, Florida 33544**

Pursuant to Chapter 190, *Florida Statutes*, and after a Community Development District ("**District**") has been established and the landowners have held their initial election, there shall be a subsequent landowners' meeting for the purpose of electing members of the Board of Supervisors ("**Board**") every two years until the District qualifies to have its board members elected by the qualified electors of the District. The following instructions on how all landowners may participate in the election are intended to comply with Section 190.006(2)(b), *Florida Statutes*.

A landowner may vote in person at the landowners' meeting, or the landowner may nominate a proxy holder to vote at the meeting in place of the landowner. Whether in person or by proxy, each landowner shall be entitled to cast one vote per acre of land owned by him or her and located within the District, for each position on the Board that is open for election for the upcoming term. A fraction of an acre shall be treated as one (1) acre, entitling the landowner to one vote with respect thereto. For purposes of determining voting interests, platted lots shall be counted individually and rounded up to the nearest whole acre. Moreover, please note that a particular parcel of real property is entitled to only one vote for each eligible acre of land or fraction thereof; therefore, two or more people who own real property in common, that is one acre or less, are together entitled to only one vote for that real property.

At the landowners' meeting, the first step is to elect a chair for the meeting, who may be any person present at the meeting. The landowners shall also elect a secretary for the meeting who may be any person present at the meeting. The secretary shall be responsible for the minutes of the meeting. The chair shall conduct the nominations and the voting. If the chair is a landowner or proxy holder of a landowner, he or she may nominate candidates and make and second motions. Candidates must be nominated and then shall be elected by a vote of the landowners. Nominees may be elected only to a position on the Board that is open for election for the upcoming term.

This year, three (3) seats on the Board will be up for election by landowners. The two candidates receiving the highest number of votes shall be elected for a term of four (4) years. The candidate receiving the next highest number of votes shall be elected for a term of two (2) years. The term of office for each successful candidate shall commence upon election.

A proxy is available upon request. To be valid, each proxy must be signed by one of the legal owners of the property for which the vote is cast and must contain the typed or printed name of the individual who signed the proxy; the street address, legal description of the property or tax parcel identification number; and the number of authorized votes. If the proxy authorizes more than one vote, each property must be listed and the number of acres of each property must be included. The signature on a proxy does not need to be notarized.

**LANDOWNER PROXY**

**WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT  
PASCO COUNTY, FLORIDA  
LANDOWNERS' MEETING – NOVEMBER 1, 2022**

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, the fee simple owner of the lands described herein, hereby constitutes and appoints \_\_\_\_\_ (“Proxy Holder”) for and on behalf of the undersigned, to vote as proxy at the meeting of the landowners of the Wiregrass II Community Development District to be held at Rizzetta and Company, Inc., 5844 Old Pasco Road, Suite 100, Wesley Chapel, Florida 33544, on November 1, 2022, at 10:30 a.m., and at any adjournments thereof, according to the number of acres of unplatted land and/or platted lots owned by the undersigned landowner that the undersigned would be entitled to vote if then personally present, upon any question, proposition, or resolution or any other matter or thing that may be considered at said meeting including, but not limited to, the election of members of the Board of Supervisors. Said Proxy Holder may vote in accordance with his or her discretion on all matters not known or determined at the time of solicitation of this proxy, which may legally be considered at said meeting.

Any proxy heretofore given by the undersigned for said meeting is hereby revoked. This proxy is to continue in full force and effect from the date hereof until the conclusion of the landowners’ meeting and any adjournment or adjournments thereof but may be revoked at any time by written notice of such revocation presented at the landowners’ meeting prior to the Proxy Holder’s exercising the voting rights conferred herein.

\_\_\_\_\_  
Printed Name of Legal Owner

\_\_\_\_\_  
Signature of Legal Owner

\_\_\_\_\_  
Date

<u>Parcel Description</u>	<u>Acreage</u>	<u>Authorized Votes</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

[Insert above the street address of each parcel, the legal description of each parcel, or the tax identification number of each parcel. If more space is needed, identification of parcels owned may be incorporated by reference to an attachment hereto.]

**Total Number of Authorized Votes:** \_\_\_\_\_

NOTES: Pursuant to Section 190.006(2)(b), *Florida Statutes*, a fraction of an acre is treated as one (1) acre entitling the landowner to one vote with respect thereto. For purposes of determining voting interests, platted lots shall be counted individually and rounded up to the nearest whole acre. Moreover, two (2) or more persons who own real property in common that is one acre or less are together entitled to only one vote for that real property.

If the fee simple landowner is not an individual, and is instead a corporation, limited liability company, limited partnership or other entity, evidence that the individual signing on behalf of the entity has the authority to do so should be attached hereto (e.g., bylaws, corporate resolution, etc.).



**OFFICIAL BALLOT**  
**WIREGRASS II COMMUNITY DEVELOPMENT DISTRICT**  
**PASCO COUNTY, FLORIDA**  
**LANDOWNERS' MEETING - NOVEMBER 1, 2022**

**For Election (3 Supervisors):** The two (2) candidates receiving the highest number of votes will each receive a four (4) year term, and the one (1) candidate receiving the next highest number of votes will receive a two (2) year term, with the term of office for the successful candidates commencing upon election.

The undersigned certifies that he/she/it is the fee simple owner of land, or the proxy holder for the fee simple owner of land, located within the Wiregrass II Community Development District and described as follows:

<u>Description</u>	<u>Acreage</u>
_____	_____
_____	_____
_____	_____

[Insert above the street address of each parcel, the legal description of each parcel, or the tax identification number of each parcel.] [If more space is needed, identification of parcels owned may be incorporated by reference to an attachment hereto.]

or

**Attach Proxy.**

I, \_\_\_\_\_, as Landowner, or as the proxy holder of \_\_\_\_\_ (Landowner) pursuant to the Landowner's Proxy attached hereto, do cast my votes as follows:

SEAT #	NAME OF CANDIDATE	NUMBER OF VOTES
3		
4		
5		

Date: \_\_\_\_\_

Signed: \_\_\_\_\_

Printed Name: \_\_\_\_\_

# **Tab 11**



**UPCOMING DATES TO REMEMBER**

- **Next Meeting:** October 27, 2022 @ 10:30 AM
- **Next LO Election (Seat 3 Hatcher Porter, Seat 4 Quinn Porter, Seat 5 Caitlin Chandler):** November 1, 2022
- **Landowners Election:** The Second Year Landowner Election will have to be held on **November 1, 2022** which is the 1<sup>st</sup> Tuesday of Month per FL Statute 190. Seat 3 will be a 2-year term and Seats 4 & 5 will be 4-year terms.

District  
Manager's  
Report

September 22

2022

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<u>FINANCIAL SUMMARY</u>	<u>7/31/2022</u>
General Fund Cash & Investment Balance:	\$92,893
Reserve Fund Cash & Investment Balance:	\$0
Debt Service Fund Investment Balance:	<u>\$1,083,416</u>
<b>Total Cash and Investment Balances:</b>	<b>\$1,176,309</b>
<b>General Fund Expense Variance: \$23,591</b>	<b>Under Budget</b>