

**BOARD OF COUNTY COMMISSIONERS
HERNANDO COUNTY, FLORIDA
PROFESSIONAL SERVICES AGREEMENT
NO.25-RFQ01076/FH**

THIS Agreement made and entered into this 26 day of May, 2026, by and between HERNANDO COUNTY BOARD OF COUNTY COMMISSIONERS, 15470 Flight Path Drive, Brooksville, Florida, a political subdivision of the State of Florida, hereinafter called the County and AYRES ASSOCIATES INC, 8875 Hidden River Park, Suite 200, Tampa, Florida 33637 duly authorized to conduct business in the State of Florida, hereinafter called the Professional.

RECITALS:

WHEREAS, the Professional has reviewed the consulting services required pursuant to the Agreement and is qualified, willing and able to provide and perform all such services in accordance with its terms.

WHEREAS, the County does hereby retain the Professional to furnish certain services in connection with:

Right-of acquisition, roadway design, new utility design, and post design services for the preparation of construction documents consisting of plans, specifications and bid forms for roadway improvements to a section of Barclay Avenue and associated improvements from Powell Road to Lucky Lane connecting into the completed design at Lacky Lane.

NOW, THEREFORE, the County and the Professional, in consideration of the mutual covenants contained herein, agree as follows:

SECTION 1. The Professional and the County mutually agree to furnish, each to the other, the respective services, information and terms as described in Exhibit "A", attached hereto and made a part hereof.

Before any additions or deletions to the work described in Exhibit "A", and before undertaking any changes or revisions to such work, the parties shall negotiate any necessary cost changes and shall enter into a supplemental written Agreement covering such modifications and the compensation to be paid therefor.

Reference herein to this Agreement shall be considered to include any supplement thereto and the Request for Proposals that resulted in this Agreement.

Reference herein to County Administrator shall mean the Hernando County Administrator or its designee.

SECTION 2. The services indicated in Exhibit "A" to be rendered by the Professional shall be commenced, subsequent to the execution of this Agreement, upon written notice from the County Administrator and shall be completed within twenty-four (24) months for the design portion of the scope and thirty-six (36) months for the acquisition portion of the scope from the date of issuance of the Purchase Order and /or Notice to Proceed.

SECTION 3. The Professional agrees to provide Project Schedule progress reports in a format acceptable to the County, either monthly or at intervals established by the County. The County will be entitled at all times to be advised, at its request, as to the status of work being done by the Professional and of the details thereof. Coordination shall be maintained by the Professional with representatives of the County. Either party to the Agreement may request and be granted a conference.

SECTION 4. In the event there are delays on the part of the County as to the approval of any of the materials submitted by the Professional, or if there are delays occasioned by circumstances beyond the control of the Professional which delay the project schedule completion date, the County shall grant to the Professional, by "Letter of Time Extension," an extension of the contract time equal to the aforementioned delays, provided there

are no changes in compensation or scope of work except those changes that may be agreed upon between the parties hereto.

It shall be the responsibility of the Professional to ensure at all times that sufficient contract time remains within which to complete all services on the project. In the event there have been delays that would affect the project completion date, the Professional shall submit a written request to the County that identifies the reason(s) for the delay and the amount of time related to each reason. The County shall timely review the request and determine whether to grant all or part of the requested extension.

In the event Contract time expires and the Professional has not requested, or if the County has denied, an extension of the completion date, partial progress payments will be stopped on the date time expires. No further payment for the project will be made until a time extension is granted or all work has been completed and accepted by the County.

SECTION 5. The Professional shall maintain an adequate and competent professional staff within the State of Florida and may associate with specialists, sub-professionals, and/or other professionals for the purpose of its services hereunder without additional cost to the County. Should the Professional desire to utilize other specialists, sub-professionals, and/or professionals in the performance of the work, the Professional shall be responsible for satisfactory completion of all such specialists', sub-professionals' and/or other professionals' work and may not assign or transfer work under this Agreement to other specialists, sub-professionals, or professionals unless approved in writing by the County. It is agreed that only specialists, sub-professionals, and/or other professionals which have been approved by an authorized representative of the County will be used by the Professional. It is also agreed that the County will not, except for services so designated herein or as may be approved by the County, permit or authorize the Professional to perform less than the total contract work with other than its own organization.

SECTION 6. All final plans, documents, reports, studies, and other data prepared by the Professional will bear the endorsement of a person in the full employ of the Professional and duly registered in the appropriate professional category.

a) After the County's acceptance of final plans and documents, the Professional shall provide to the County a reproducible form of the Professional's drawings, tracings, plans, and maps. Upon completion of construction by the Contractor, the Professional shall furnish acceptable field verified "record drawings" of full-size prints. The Professional shall signify, by affixing an appropriate endorsement on every sheet of the record sets that the work shown on the endorsed sheets was reviewed by the Professional. In addition to the aforementioned documents in this subparagraph, the Professional shall submit three (3) final sets of operation and maintenance manuals.

b) The Professional shall not be liable for the County's use of said plans, documents, studies, or other data for any purpose other than stated in the Scope of Services, Exhibit "A," of this Agreement.

SECTION 7. All tracings, plans, specifications, maps, surveys, field survey notes, and/or reports prepared or obtained under this Agreement shall be considered works made for hire and shall become the property of the County restricted to the terms of (7) above; and reproducible copies shall be made available upon County's request, at Professional's direct printing costs, to the County at any time during the period of this Agreement. The County will have the right to visit the site for inspection of the work and the drawings of the Professional at any time. Unless changed by written Agreement of the parties, said site shall be the address of the firm. Records of cost incurred under the terms of this Agreement shall be maintained and made available upon request of the County at all times during the period of this Agreement and for five (5) years after final payment is made. Copies of these documents and records shall be furnished to the County upon request at direct printing cost.

Records of cost incurred includes the Professional project accounting records, together with supporting documents and records of the Professional and all specialists, sub-professionals and/or other professionals performing work on the project, and all other records of the Professional and specialists, sub-professionals and/or other professionals considered necessary by the County for a proper audit of project costs.

Whenever travel costs are included in Exhibit B, the provisions of Section 112.061, Florida Statutes, shall govern as

to reimbursable costs.

The Professional shall furnish to the County at direct printing cost all final work documents, papers, and letters or any other such materials which may be subject to the provisions of Chapter 119, Florida Statutes, made or received by the Professional in conjunction with this project. Failure by the Professional to provide such records shall be grounds for immediate unilateral cancellation of the Agreement by the County.

SECTION 8. The Professional shall comply with all federal, state, and local laws and ordinances applicable to the work or payment thereof, and shall not discriminate on the grounds of race, color, religion, sex, or national origin in the performance of work under this Agreement.

SECTION 9. The County agrees to pay the Professional compensation as detailed in Exhibit B which is attached hereto and made a part hereof. Unless otherwise agreed to, this is a lump sum contract. No additional fees or expenses will be paid by the County.

SECTION 10. The Professional is employed to render a professional service only and payments made to the Professional are compensation solely for such services rendered and recommendations made in carrying out the work. The Professional shall perform and complete all work in a workmanlike manner to the best of its abilities and in accordance with sound engineering and professional consulting practices and principles.

In performing construction phase services, the Professional may be requested to act as agent of County. The Professional's review or supervision of work prepared or performed by other individuals or firms employed by the County shall not relieve those individuals or firms of complete responsibility for the adequacy of their work.

SECTION 11. The County may terminate this Agreement in whole or in part at any time the interest of the County requires such termination.

- a) If the County reasonably determines that the performance of the Professional is not satisfactory, the County shall have the option of:
 - 1) immediately terminating the Agreement and paying the Professional for work reasonably and satisfactorily performed hereunder through the date of termination; or
 - 2) notifying the Professional of the deficiency requiring that the deficiency be corrected within a reasonable specified time, and terminating the Agreement at the end of the specified time if the Professional does not correct the deficiency. If the County terminates the Agreement, it shall pay the Professional for the work satisfactorily completed to such specified date.
- b) If the County requires termination of the Agreement for reasons other than unsatisfactory performance of the Professional, the County shall notify the Professional of such termination and specify the state of work at which time the Agreement is to be terminated, and the Professional shall be entitled to receive payment for all work reasonably, satisfactorily performed hereunder through the date of termination. An allowance for satisfactory work in progress but not yet completed shall be made.
- c) If the Agreement is terminated before performance is completed, the Professional shall be paid for work satisfactorily performed. Payment is to be on the basis of substantiated costs, not to exceed the percentage of the work performed.

SECTION 12. Adjustment of compensation and Contract time because of any major changes in the work that may become necessary or desirable as the work progresses shall be left County's absolute discretion. The parties shall commit such adjustment to a written supplemental agreement.

SECTION 13. All words used herein in the singular form shall extend to and include the plural. All words used in the plural form shall extend to and include the singular. All words used in any gender shall extend to and include all genders.

SECTION 14. The Professional shall procure and maintain professional liability insurance as required in the Request for Qualifications that resulted in this Agreement.

The Professional will also cause professional specialists and/or sub-professionals retained by professional for the

project to procure and maintain comparable professional liability insurance coverage. Before commencing the work, the Professional shall furnish the County a certificate(s) showing compliance with this paragraph (Exhibit C). *Said certificate(s) shall provide that policy(s) shall not be changed or canceled until thirty (30) days prior written notice has been given to the County; Hernando County is named as additional insured as to Commercial General Liability and Certificate Holder must read: Hernando County Board of County Commissioners.*

SECTION 15. The Professional warrants that he has not employed or retained any company or person other than a bona fide employee working solely for the Professional, to solicit or secure this Agreement, and that he has not paid or agreed to pay any person, company, corporation, individual or firm any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement. It is understood and agreed that the term "fee" shall also include brokerage fee, however denoted.

- a) For the breach of violation of Paragraph (15) the County shall have the right to terminate this Agreement without liability and, at its discretion, to deduct from the Contract price or otherwise recover the full amount of such fee, commission, percentage, gift, or consideration.

SECTION 16. Unless otherwise required by law or judicial order, the Professional agrees that it shall make no statements, press releases or publicity releases concerning the Agreement or its subject matter or otherwise disclose or permit to be disclosed any of the data or other information obtained or furnished in compliance with this Agreement, or any particulars thereof, during the period of the Agreement without first notifying the County and securing its consent in writing. The Professional also agrees that it shall not publish, copyright or patent any of the site-specific data furnished in compliance with this Agreement; it being understood that, under Paragraph 7 hereof, such data or information is the property of the County. This does not include materials previously or concurrently developed by the Professional for "In House" use. Only data generated by Professional for work under this Agreement shall be the property of the County.

SECTION 17. Standards of Conduct - Conflict of Interest - The Professional covenants and agrees that it and its employees shall be bound by the standards of conduct provided in Section 112.313, Florida Statutes as it relates to work performed under this Agreement, which standards are hereby incorporated and made a part of this Agreement as though set forth in full. The Professional agrees to incorporate the provisions of this paragraph in any subcontract into which it might enter with reference to the work performed.

SECTION 18. The County reserves the right to suspend, cancel or terminate the Agreement, without penalty, in the event one or more of the Professional's corporate officers is indicted or has a direct information issued against him for any crime arising out of or in conjunction with any work being performed by the Professional for or on behalf of the County under this Agreement. It is understood and agreed that in the event of such termination, reproducible copies of all tracings, plans, specifications, maps, and data prepared or obtained under this Agreement shall immediately be turned over to the County in conformity with the provisions of Paragraph 7 hereof. The Professional shall be compensated for its services rendered up to the time of any such termination in accordance with Paragraph 11 hereof. The County also reserves the right to terminate or cancel this Agreement in the event the Professional is placed in either voluntary or involuntary bankruptcy or if an assignment is made for the benefit of creditors. The County further reserves the right to suspend the qualifications of the Professional to do business with the County upon any such indictment or direct information. In the event that any such person is found not guilty or if the indictment or direct information is dismissed, the County Administrator shall immediately lift the suspension.

SECTION 19. Professional shall indemnify and hold harmless the County and its officers and employees from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of Professional and other persons employed or utilized by Professional in the performance of the Contract.

SECTION 20. All notices required to be served on the Professional shall be served by registered or certified mail, return receipt requested, to Professional's address and all notices required to be served upon the County shall be served by registered or certified mail, return receipt requested, addressed to the Chief Procurement Officer, Hernando County Board of County Commissioners, 15470 Flight Path Drive, Brooksville, FL 34604.

SECTION 21. Hernando County reserves the right to audit the Professional's records relating to equipment,

goods or services and expenditures related to this Agreement, whether express or implied. Such records include, but are not limited to: all books, records, and memoranda of every description pertaining to the work under this Agreement.

Hernando County further reserves the right to reproduce any of the documents mentioned in this section.

SECTION 22. Unless otherwise required by law, this Agreement shall be governed by and construed in accordance with the laws of the State of Florida. Venue for any dispute arising from this Agreement shall be litigated in the appropriate court in Hernando County, Florida, or the United States District Court, Middle District of Florida. IN ANY LITIGATION ARISING FROM THIS AGREEMENT, THE PARTIES WAIVE THE RIGHT TO A JURY TRIAL AND EACH SHALL BEAR THEIR OWN COSTS AND ATTORNEYS' FEES.

SECTION 23. FORCE MAJEURE. Neither party shall be considered in default in performance of its obligations hereunder to the extent that performance of such obligations, or any of them, is delayed or prevented by Force Majeure. Force Majeure shall include, but not be limited to, hostility revolution, civil commotion, strike, epidemic, fire, flood, wind, earthquake, explosion, any law, proclamation, regulation or ordinance or other act of government, or any act of God or any cause whether of the same or different nature, existing or future; provided that the cause whether or not enumerated in this Section is beyond the control and without the fault or negligence of the party seeking relief under this Section.

SECTION 24. INDEPENDENT CONTRACTOR. The Professional shall be legally considered an independent contractor and neither the Professional, its employees nor sub-contractors shall, under any circumstances, be considered servants or agents of the County; and the County shall at no time be responsible for any negligence or other wrongdoing by the Professional, its servants, agents, employees or subcontractors.

SECTION 25. SEVERABILITY. If any section, subsection, sentence, clause, phrase, or portion of this Agreement is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion will be deemed stricken, and such holding will not affect the validity of the remaining portion thereof.

SECTION 26. NO WARRANTY BY THE COUNTY. Approval by the County of any of the Professional's work, including but not limited to drawings, design specifications, written reports, or any work products furnished hereunder, shall not relieve the Professional of responsibility for the technical accuracy and adequacy of work under this Agreement. Neither the County's approval or acceptance, or payment for any services furnished under this Agreement shall be construed to operate as a waiver of any rights under this Agreement or any cause of action arising out of the performance of this Agreement.

SECTION 27. MODIFICATIONS. This Agreement may only be amended or modified by mutual consent of duly authorized parties, in writing, through the issuance of a modification to this Agreement or purchase order as appropriate.

SECTION 28. EXTENT OF CONTRACT. This Agreement, together with the RFQ No.25-RFQ01076/FH issued October 8, 2025, the proposal submitted November 17, 2025 and the Exhibits hereinafter identified and listed in this Section, constitute the entire Agreement between the County and the Professional and supersede all prior written or oral understandings in connection therewith. This Agreement may only be amended, supplemented or modified by a formal Amendment or Change Order to this Agreement.

The RFQ shall be included and incorporated in the final award. The order of contractual precedence will be the Agreement and the Exhibits supplemental to and made a part of this Agreement are as follows:

Attachments:

Exhibit "A" Scope of Services

Exhibit "B" Compensation and Method of Payment

Exhibit "C" Certificate of Insurance

Exhibit "D" Notice to Proceed

Exhibit "E" Request for Qualification/Proposal

SECTION 29. INTERPRETATION. This Agreement shall not be construed for or against any party hereto, without regard to which party is wholly or partly responsible for its drafting.

SECTION 30. TRAVEL. Engineering firms (Professional) requesting travel and subsistence reimbursement shall comply with Section 112.061, Florida Statutes.

IN WITNESS WHEREOF, the parties hereto have caused these present to be executed, the day and year first above written.

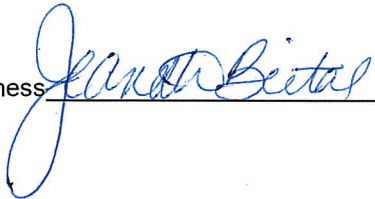
(SEAL)

BOARD OF COUNTY COMMISSIONERS
HERNANDO COUNTY, FLORIDA

Attest: _____ Date: _____
Douglas A. Chorvat, Jr., Clerk of Circuit Court

_____ Date: _____
Jerry Campbell, Chairman

AYRES ASSOCIATES INC

Witness  _____

By  _____
Jason Ingram, Executive Vice President



Exhibit A-1

Scope of Services for

Barclay Avenue (CR 585) Roadway Improvements from Powell Road to Lucky Lane

RIGHT-OF-WAY ACQUISITION SERVICES

Project No. 25-RFQ01076/FH

Commission District: 3

March 2026

Table of Contents

1.0	WGI (ROW MANAGEMENT/QUALITY CONTROL/ACQUISITION/APPRAISAL SUPPORT)	A-3
2.0	FLAA (ROW ACQUISTION)	A-4
3.0	APPRAISAL TEAM (APPRAISER/GENERAL CONTRACTOR/COST TO CURE ENGINEER/LAND PLANNER)	A-5
4.0	COST TO CURE ENGINEER (APPRAISAL SUPPORT- VANTIX)	A-9
5.0	GENERAL CONTRACTOR (APPRAISAL SUPPORT – EDDIE HERRON)	A-9
6.0	ATTORNEY (PETE WALDMAN, ESQUIRE – WEISS SEROTA HELFFMAN)	A-9
	EXPENSES	A-10

ROW SERVICES – BARCLAY AVENUE

1.0 WGI (ROW MANAGEMENT/QUALITY CONTROL/ACQUISITION/APPRAISAL SUPPORT)

BREAKDOWN OF TASKS FOR STAFF HOURS ESTIMATES- BILLED HOURLY – NOT TO EXCEED

The estimated fees are based on a worst-case scenario as there are many variables in a ROW acquisition project. If a majority of properties settle during Advanced Acquisition, the fees will be lower than the estimated hours. If the number of appraisals is decreased, the hours for appraisal support will also decrease. When more complicated properties obtain an attorney, more staff hours are needed for claims analysis and counteroffer recommendations. It is typical for property owners to have technical questions that the Acquisition Agent cannot answer. These questions (RFIs) will be referred to the ROW Manager, so that answers can be obtained in an efficient manner. Other types of RFIs are typical during a ROW project. If the number of requests is lower, then the actual hours spent will also be lower.

1.1 PROJECT MANAGEMENT

- Coordination with the Client and all subcontractors
- Coordination with WGI survey team regarding sketches/legal description
- Title search coordination and review
- Schedule Management/Biweekly meetings/Written Status updates
- Budget management

1.2 DESIGN TEAM SUPPORT

- Provide the design team with support for all ROW issues
- Parcel Identifications (Fee and Temporary construction easements)
- Cost estimates
- RFIs

1.3 QC REVIEWS – LETTER TO OWNERS/DOCUMENTS & APPRAISAL REVIEWS

- Quality control check for all documents prepared by the acquisition agent for submittal to property owners.
- Obtaining approval from the client for all correspondence and offers to property owners.
- Coordination on value estimates between appraiser and acquisition agent.
- Review of all appraisals.

1.4 ACQUISITION/NEGOTIATIONS SUPPORT

- RFIs – research and provide information to acquisition agents, appraisal team, client, and eminent domain attorney
- Appraisal support – Land planning services, development/issue, cure plan approvability evaluation & written approval of cure plan, highest and best use analysis
- Counter-offer Reviews/Analysis/Recommendations
- Point of contact for COUNTY Attorney – Eminent Domain instruction, negotiation coaching if applicable
- Coordination with team Eminent Domain Attorney

2.0 FLAA (ROW ACQUISITION)

BREAKDOWN OF TASKS FOR STAFF HOURS ESTIMATES – BILLED HOURLY- NOT TO EXCEED

The estimated fees from the acquisition agent are based on a worst-case scenario. If properties settle during Advanced Acquisition, the fees will be less than estimated. Additionally, a portion of the fee is for mortgage, easement releases, and pro-rata taxes. If a property has none of these items, the staff time allotted for this task will be zero. Title searches will be needed in order to determine the property encumbrances. Real Estate closings will be required for all fee simple acquisitions.

2.1 ADVANCED ACQUISITIONS – SUMMARY

- Early contact with property owners
- Preparation of Brokers' Price Opinions
- Presentation of offer to property owners/negotiations

A. MOBILIZATION & MEETINGS – DETAIL

- Meetings with COUNTY staff and consultants, as requested
- File creation/administration
- Ownership contact research
- Site inspection of properties
- Virtual attendance of bi-weekly production meetings

B. VALUATION – DETAIL

- Research properties and improvements
 - Develop comparable land sales and listings
 - Affected improvements cost using Marshall & Swift and other resources
- Prepare a preliminary right-of-way cost estimate
 - Up to forty-six (46) parent tracts, comprised of thirty-seven (37) fee simple, twenty-one (21) paired TCEs, and six (6) standalone TCEs.
- Develop an Agent Price Estimate or Broker Price Opinions with appropriate land and improvement values.
 - Up to forty-six (46) parent tracts, comprised of thirty-seven (37) fee simple, twenty-one (21) paired TCEs, and six (6) standalone TCEs.

C. ADVANCED ACQUISITION – DETAIL

- Preparation and delivery of an introduction letter
- Contact with owners and representatives
- Presentation of BPO/APE
- Negotiation of advanced acquisition
- Begin the process of clearing encumbrances
 - Secure a signature on a purchase agreement, if possible
 - Create purchase agreement package using COUNTY-approved templates and submit for approval
 - Request pro-rata taxes (*if agreement*)

- Prepare closing documents using COUNTY-approved templates and submit for approval (*if agreement*)
- Request closing funds (*if agreement*)
- Conduct closing (*if agreement*)
- E-record documents with the COUNTY Clerk of Court (*if closed*)
- File retirement (*if closed*)

2.2 STANDARD ACQUISITIONS – SUMMARY

- Research appraisals
- Preparation of letters to owners' packages
- Present notice to owners and offers to owners
 - In person preferred, otherwise mailed to tax-roll address
 - Notice and offer to be delivered together, as authorized by Florida Statute
- Negotiations with owners and representatives
- Preparation of sales contract, easement documents

2.3 ENCUMBRANCE CLEARING/CLOSINGS

- Partial releases of mortgages, easements, and encumbrances
- Real Estate closings
- Assembly of documents for suit packages given to the COUNTY Attorney
- Secure a signature on a purchase agreement, if possible
 - Create purchase agreement package using COUNTY-approved templates and submit for approval
 - Clear encumbrances for closing
 - Request pro-rata taxes
 - Create closing documents using COUNTY-approved templates and submit for approval
 - Request closing funds
 - Conduct closing
 - E-record documents with the COUNTY Clerk of Court
 - File retirement

3.0 APPRAISAL TEAM (APPRAISER/GENERAL CONTRACTOR/COST TO CURE ENGINEER/LAND PLANNER)

APPRAISER (JTO VALUATION)

The appraiser estimates the fair market value of the ROW acquisition plus any damages to the property as a result of the ROW taking. The appraiser relies on analysis from the cost to cure engineer, general contractor (GC), and land planner.

The number of appraisals that are needed is dependent upon the number of properties that will settle during Advanced Acquisition. It is estimated that approximately thirty-two (32) properties (24 fee + 8 standalone TCEs) will settle. There are fifty-three (53) parent tracts (56 properties with 3 joint ownerships). The summary below shows how the estimated number of appraisals was determined:

- 53 parent tracts
- 8 TCEs (all will settle during Advanced Acquisition)

- 45 parent tracts remaining
- 24 will settle during Advanced Acquisition
- 21 appraisals estimated

It is possible that more properties will settle during Advanced Acquisition, however the more complicated acquisitions will need appraisals. Based on this information, we have the following estimates:

- 10 Complicated appraisals (100% Needed)
- 11 Parent tracts which may not settle during Advanced Acquisition
- 21 Potential appraisals

SUMMARY OF APPRAISALS (SEE SPREADSHEET FOR FEES PER PARCEL)

Parcel 1: Roll Plot 1, Map ID 1, Parcel Key 193178

The subject parcel is vacant land and has an approved conceptual plan for townhome development. The scope of the appraisal includes the valuation of the parent tract land, the acquisition areas, and potential future temporary easements.

Parcel 2: Roll Plot 1, Map ID 5, Parcel Key 191367

The subject parcel is an improved church property. Due to the location and size of the acquisition area, the valuation of the church property will be excluded. The appraisal includes the valuation of the parent tract land, the valuation of the acquisition areas, and minor cost-to-cure

Parcel 3: Roll Plot 1, Map ID 8, Parcel Key 191385

The subject parcel is an improved, large, luxury residence. The residence sits approximately 280 feet back from the two-lane Barclay Road in the before condition. Approximately ninety (90) feet of existing right-of-way is utilized for driveway access in the before condition. In the before condition, the walled entrance gate is approximately 150 feet from the road and sixty (60) feet from the property boundary. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, cost to cure, and potential damages are also required. Consideration of setbacks and potential damage may require a special study.

Parcel 4: Roll Plot 2, Map ID 17, Parcel Key 192650

The subject parcel is an improved religious property. Due to the location and size of the acquisition area, the valuation of the mosque property will be excluded. The appraisal includes the valuation of the parent tract land, the valuation of the acquisition areas, and minor cost-to-cure.

Parcel 5: Roll Plot 2, Map ID 17, Parcel Key 191584

The subject parcel is improved with a residence on 4.380 acres. The residence setback from the two-lane Barclay Road in the before condition is 217 feet, based on tax measurements. The acquisition is 1.28 acres, or roughly 30% of the area before. The appraisal includes the valuation of the underlying parent tract land and improved residence before condition, as well as the valuation of acquisition areas, including potential easements. Valuation considerations after the acquisition include setbacks, cost to cure, pond, and potential damages. Consideration of impacts may require a special study.

Parcel 6: Roll Plot 2, Map ID 22, Parcel Key 130799

The subject parcel is improved with a residence on 4.50 acres. The residence setback from the two-lane Barclay Road in the before condition is 80 feet, based on tax measurements. The acquisition is 2.35 acres, or roughly 52% of the area before. The appraisal includes the valuation of the underlying parent tract land and improved residence before condition, as well as the valuation of acquisition

areas, including potential easements. Valuation considerations after the acquisition include setbacks, cost to cure, ponds, and potential damages. Consideration of impacts may require a special study

Parcel 7: Roll Plot 2, Map ID 23, Parcel Key 130806

The subject parcel is vacant land with utility improvements. Due to the location and size of the acquisition area, the utility improvements will not be included in the valuation. The appraisal includes the valuation of the parent tract land, the valuation of the acquisition areas, and, if deemed necessary, minor cost-to-cure.

Parcel 8: Roll Plot 2, Map ID 26, Parcel Key 130824

The subject parcel is an improved church property. Due to the location and size of the acquisition area, the valuation of the church property will be excluded. The appraisal includes the valuation of the parent tract land, the valuation of the acquisition areas, and minor cost-to-cure, including sign relocation.

Parcel 9: Roll Plot 2, Map ID 30, Parcel Key 192758

The subject parcel is vacant land containing 3.9 acres. The acquisition area is 2.95 acres, or more than 75% of the site before. The appraisal includes the valuation of the property before, with consideration to potential easements and minor costs to cure. The valuation of the after will include consideration of the pond and potential damage.

Parcel 10: Roll Plot 2, Map ID 37, Parcel Key 130726

The subject parcel is improved with an apartment complex that sits along the two-lane Barclay Road. The apartment units closest to Barclay Road are setback between fifty (50) feet and 108 feet in the before condition. The acquisition area is small, and the appraisal could exclude improvements in the before condition. If it is decided that the improvements should be valued before considering setbacks, they should be included in the valuation of the after condition. Appraisal valuation includes the parent tract, acquisition areas, and minor costs to cure. Additional consideration for the valuation of the property in the after with consideration of improvements and setback impacts may be required.

Parcel 11: Roll Plot 2, Map ID 28, Parcel Key 192730

The subject parcel is an improved church property. Due to the location and size of the acquisition area, the valuation of the church property will be excluded. The appraisal includes the valuation of the parent tract land, the valuation of the acquisition areas, a potential temporary construction easement, and minor cost-to-cure, including trees and landscaping.

Parcel 12: Roll Plot 2, Map ID 26, Parcel Key 8272078

The subject parcel is an improved residence. The residence sits approximately 128 feet back from the two-lane Barclay Road in the before condition. Approximately ten (10) feet of existing right-of-way is utilized for driveway access in the before condition. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and potential damage may require a special study.

Parcel 13: Roll Plot 2, Map ID 38, Parcel Key 192801

The subject parcel is an improved residence. The residence sits approximately 100 feet back from the two-lane Barclay Road in the before condition. Approximately ten (10) feet of existing right-of-way is utilized for driveway access in the before condition. The acquisition of 0.32 acres of the 0.8-acre parent tract represents 40% of the area before. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and

potential damage may require a special study.

Parcel 14: Roll Plot 2, Map ID 33, Parcel Key 130600

The subject parcel is an improved residence. The residence sits approximately 118 feet back from the two-lane Barclay Road in the before condition. Approximately fourteen (14) feet of existing right-of-way is utilized for driveway access in the before condition. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and potential damage may require a special study.

Parcel 15: Roll Plot 2, Map ID 46, Parcel Key 130744

The subject parcel is improved with a residence and commercial structures. The residence sits approximately 178 feet back from the two-lane Barclay Road in the before condition. Approximately fourteen (14) feet of existing right-of-way is utilized for driveway access in the before condition. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and potential damage may require a special study.

Parcel 16: Roll Plot 2, Map ID 47, Parcel Key 130735

The subject parcel is an improved residence that appears to have been abandoned. The residence sits approximately 157 feet back from the two-lane Barclay Road in the before condition. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and potential damage may require a special study. Consideration of the improvements that contribute value to the underlying site before should be determined during the appraisal process.

Parcel 17: Roll Plot 1, Map ID 10, Parcel Key 191465

The subject parcel is an improved residence. The residence sits approximately 140 feet back from the two-lane Barclay Road in the before condition. Approximately twenty-five (25) feet of existing right-of-way is utilized for driveway access in the before condition. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and potential damage may require a special study.

Parcel 18: Roll Plot 1, Map ID 28, Parcel Key 1561642

The subject parcel is an improved residence. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and potential damage may require a special study.

Parcel 19: Roll Plot 1, Map ID 36, Parcel Key 191651

The subject parcel is an improved residence. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and potential damage may require a special study.

Parcel 20: Roll Plot 1, Map ID 38, Parcel Key 425828

The subject parcel is an improved residence. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and

potential damage may require a special study.

Parcel 21: Roll Plot 1, Map ID 39, Parcel Key 191713

The subject parcel is an improved residence. The appraisal includes valuations of the parent tract land, the improved property, and the acquisition areas. Valuation consideration for setback changes, landscaping, cost to cure, and potential damages are also required. Consideration of setbacks and potential damage may require a special study.

4.0 COST TO CURE ENGINEER (APPRAISAL SUPPORT- VANTIX)

SUMMARY: Analysis of property impacts, Creation of Cost to Cure estimate, and four (4) sketches showing the parcel sketch, existing conditions, uncured, and cured sketches.

DETAIL: One (1) site visit, attend coordination meetings, and perform the required civil engineering analysis and detail the findings in an engineering report addressing existing conditions of the parent tract, analysis of part acquired, analysis of remainder uncured, and an analysis of the remainder cured where applicable. The report will include a summary of physical site features and a description of pertinent civil engineering conditions (i.e., drainage, access, functionality). Vantix Consulting Services will prepare three (3) parcel sketches, with an additional curve sketch, if required, and will coordinate with the general contractor and planner as needed. Vantix Consulting Services will work with the planner to obtain written approval of cure plan(s), if required

5.0 GENERAL CONTRACTOR (APPRAISAL SUPPORT – EDDIE HERRON)

Provides cost estimates for items within the ROW acquisition area and for the cost to cure.

APPRAISAL TEAM CONTINGENCY

The Staff Hours Estimate includes a fee for ten (10) additional appraisals at \$8,300/appraisal. This will only be needed if the anticipated number of parcels do not settle during Advanced Acquisition.

6.0 ATTORNEY (PETE WALDMAN, ESQUIRE – WEISS SEROTA HELFFMAN)

Provides support to the COUNTY Attorney on an as needed basis. Negotiates with property owner's eminent domain attorneys. The scope will be to review and assist with the acquisitions of parcels for the project from an eminent domain litigation perspective, to include issues of valuation related to appraisal, planning, engineering, business damages, and applicable eminent domain case law, with the goal of reducing compensation and damages.

EXPENSES

Title Reports (48 fee simple acquisitions)\$23,050

- \$425/Commercial/Institutional/Apartment properties
- \$375/Residential properties
- \$100/property – Title report updates
5 – Institutional/Utility/Apartment Properties
43 – Residential properties
- \$425 x 5 = \$ 2,125
- \$375 x 43 = \$16,125
- \$100 x 48 = \$ 4,800*
- Total = \$23,050

Updates requested within one (1) year of the initial report are free; however, as the surveyor of record will need to review the title reports for the final ROW maps, we included the fee to update all fee properties.

Recording Fees (\$50 per property)

- 56 deeds/TCEs x \$50 = \$2,800
- E-close fees (\$25 per property)
- 53 parent tracts x \$25 = \$1,325

EXPENSE SUMMARY

- Title reports/updates.....\$23,050
- Recording fees.....\$ 2,800
- E-close fees.....\$ 1,325
- **Total.....\$27,175**



Exhibit A-2

Scope of Services for

Barclay Avenue (CR 585) Roadway Improvements from Powell Road to Lucky Lane

ROADWAY DESIGN SERVICES

Project No. 25-RFQ01076/FH

Commission District: 3

April 2026

Table of Contents

1.0	SCOPE OF SERVICES	A-3
2.0	PROJECT DESCRIPTION AND OBJECTIVES	A-3
3.0	PROJECT COMMON AND PROJECT GENERAL TASKS	A-6
4.0	ROADWAY ANALYSIS	A-9
5.0	ROADWAY PLANS	A-12
6.a	DRAINAGE ANALYSIS	A-13
6.b	DRAINAGE PLANS	A-16
7.0	UTILITIES	A-17
8.0	ENVIRONMENTAL PERMITS, COMPLIANCE, AND ENVIRONMENTAL CLEARANCES	A-18
9.0	STRUCTURES	A-20
18.0	STRUCTURES – MISCELLANEOUS	A-20
19.0	SIGNAGE AND PAVEMENT MARKING ANALYSIS	A-20
20.0	SIGNING AND PAVEMENT MARKING PLANS	A-21
21.0	SIGNALIZATION ANALYSIS	A-22
22.0	SIGNALIZATION PLANS	A-24
23.0	LIGHTING ANALYSIS	A-25
24.0	LIGHTING PLANS	A-26
27.0	SURVEY	A-26
28.0	SUBSURFACE UTILITY EXPLORATION (SUE)	A-27
32.0	NOISE ANALYSIS	A-27
35.0	GEOTECHNICAL SERVICES	A-28

Exhibit "A" forms an integral part of the agreement between Hernando County (hereinafter referred to as the COUNTY) and Ayres Associates Inc. (hereinafter referred to as the CONSULTANT) relative to the transportation facilities described as follows:

Description: Barclay Avenue (CR 585) Roadway Improvements from Powell Road to Lucky Lane

1.0 SCOPE OF SERVICES

1.1 PURPOSE

The purpose of this exhibit is to describe the services and the responsibilities of the CONSULTANT and the COUNTY in connection with the design of the roadway improvements, environmental assessments, drainage design, and permitting requirements, as well as the production of a complete set of construction contract plans, the preparation of the technical specifications and bidding documents, and the issuance of the applicable permits and utility work schedules for the identified transportation facilities. Services within this scope include preparation of a traffic study with recommendations based on current traffic data, crash history, and safety issues, geotechnical investigation, intersection analysis, roadway design, drainage design, signing and pavement marking design, signalization design, lighting design, noise and abatement analysis, regulatory permitting, utility coordination, and subsurface utility engineering (SUE).

2.0 PROJECT DESCRIPTION AND OBJECTIVES

Roadway Design services include improvements to a 3.05-mile section of Barclay Avenue from Powell Road to north of Lucky Lane, connecting into the completed design north of Lucky Lane. The typical section will consist of reconstruction from an existing two-lane road to a 4-lane divided urban roadway with a 22-FDOT raised median, 12-FDOT travel lanes, curb & gutter, bike lanes, sidewalks, traffic noise abatement, driveways, underground drainage system, stormwater management facility, intersection improvements, maintenance of traffic, signage & pavement markings, and signalization. In addition to plan preparation, the CONSULTANT shall establish right-of-way requirements, FDOT/SWFWMD/FDEP permitting, coordination with Hernando County Utility Department for utility coordination & design, permitting, technical specifications, contract documents, bid items, quantities, and construction cost estimates. Design surveys, right-of-way mapping, subsurface utility locates, and geotechnical investigations are also included.

2.1 PROJECT REQUIREMENTS AND PROVISIONS FOR WORK

The services performed by the CONSULTANT shall comply with all applicable County and FDOT manuals and guidelines, Florida Statutes, and all applicable local, state, and federal laws and regulations. The current edition, including updates of the following manuals and guidelines, shall be used in the performance of this work. The governing regulations include, but are not limited to:

- AASHTO Policy on Geometric Design (Greenbook)
- FHWA Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD)
- FDOT Standard Specifications for Road and Bridge Construction
- FDOT Drainage Manual
- FDOT Design Standards (FDOT Index)
- FDOT Uniform Minimum Standards for Design, Construction, and Maintenance for Streets

- and Highways (FDOT Green Book)
- FDOT Flexible Pavement Design Manual
- SWFWMD ERP Information Manual
- Hernando County Facility Design Guidelines
- Hernando County Utilities Department Water, Reclaimed Water, and Wastewater
- The Americans with Disabilities Act (ADA)
- U.S. Access Board's Public Right-of-Way Accessibility Guidelines
- Construction Specifications Manual, January 2013 and June 2023 Construction Details

In the event of conflicts between the criteria stated in the aforementioned documents, the CONSULTANT shall contact the COUNTY for guidance. If it becomes necessary for the CONSULTANT to deviate from the standard design criteria specified in the documents, the CONSULTANT shall formally request authorization from the COUNTY by submitting a design variance request that describes the condition and states in writing the reasons for the deviations. The Request for Design Variance shall be signed and sealed by the Engineer of Record.

2.2 DELIVERABLES

The CONSULTANT shall produce all plans consistent with the following:

- English units of measurement
- Plan and profile sheets at a scale of 1" = 40'
- 11"x17" sheet size

The CONSULTANT shall submit five (5) sets of 11"x 17 " plans printed, electronic plan format, and design documentation for COUNTY review at the 30%, 60%, 90%, and 100% completion stages. Upon completion of the project, the CONSULTANT will submit digital files of all CADD files. The final bidding package will include one (1) signed and sealed set (11"x 17") of FINAL construction plans and one digital file containing the electronic PDF copy of the drawings.

2.3 PROJECT MANAGER

The COUNTY will designate a Project Manager who shall be the COUNTY'S representative for the project. While it is expected that the CONSULTANT will seek and receive advice from various agencies, the final direction on all matters of the project remains with the COUNTY Project Manager.

2.4 PROJECT MANAGEMENT

The CONSULTANT shall be entirely responsible for managing the Project. Therefore, the CONSULTANT shall be completely responsible for managing the schedule, the budget, and the delegation and quality of work produced as part of this project. The CONSULTANT is also responsible for coordinating activities with the appropriate disciplines to complete the scope of this project.

2.5 SCHEDULED MEETINGS

The CONSULTANT will hold a Kick-off meeting with the COUNTY Project Manager and other personnel the county wishes to attend to discuss proposed project parameters, scheduling, construction issues, and other related items, and to obtain input for the preliminary design of the

project. Additionally, there will be an estimated six (6) in-person progress meetings required.

The CONSULTANT will attend meetings at the request of the County with at least five (5) business days' notice. The CONSULTANT will prepare meeting notes for all meetings identified in this Exhibit and submit them within five (5) working days to the COUNTY'S Project Manager for review.

Progress Reporting: The CONSULTANT shall provide monthly project progress (or as invoiced) reports by email or letter and meet with COUNTY personnel on an as-needed basis to review the schedule and construction plans proposed.

Technical Meetings: The CONSULTANT will attend technical meetings necessary to execute this Scope of Services. This includes meetings with COUNTY and/or agency staff, between disciplines and subconsultants, such as access management meetings, pavement design meetings, local governments, progress review meetings (phase review), and miscellaneous meetings. The CONSULTANT will prepare and submit to the COUNTY'S Project Manager for review the meeting minutes for all meetings attended by them. The meeting minutes are due within five (5) business days of attending the meeting.

Public Information Meeting: The CONSULTANT staff shall attend one public information meeting to be held at the 60% - 90% stage of design. The CONSULTANT will provide one aerial color plot at 1"=200' scale showing the proposed roadway, median, driveways, sidewalks, ponds, and existing/proposed right-of-way limits and utility improvements.

2.6 COUNTY COORDINATION AND REVIEW

The CONSULTANT will prepare and submit construction plans to the county at 30%, 60%, 90% and 100% stages of design. The COUNTY will review the plans and prepare comments on the CONSULTANT'S design. The CONSULTANT shall provide responses to the COUNTY'S comments, via letter, e-mail, or fax, no later than fourteen (14) calendar days after receiving the comments. Plans may also be reviewed by the Florida Department of Transportation (FDOT).

2.7 QUALITY CONTROL

The CONSULTANT shall be responsible for ensuring that all work products conform to COUNTY and FDOT standards and criteria. This shall be accomplished through an internal Quality Assurance/Quality Control (QA/QC) Plan performed by the CONSULTANT. This QA/QC process shall ensure that quality is achieved through checking, reviewing, and monitoring of the various work activities by objective and qualified individuals who are not directly responsible for performing the initial work.

The CONSULTANT shall maintain documentation of the QC process applied for each project deliverable and submit a copy to the COUNTY during each design review submittal.

2.8 COORDINATION WITH OTHER CONSULTANTS AND ENTITIES

The CONSULTANT is to coordinate with ongoing and/or planned projects that may affect this project. The CONSULTANT is to coordinate with local governmental entities to ensure design and right-of-way requirements for the project are compatible with local public works improvements and right-of-way activities.

2.9 SCHEDULE

The CONSULTANT will prepare an overall project schedule. The schedule will be provided to the COUNTY at the Kick-off meeting in electronic format and on paper in a readable scale. The CONSULTANT shall provide the COUNTY with an updated project schedule to reflect actual project progress with each invoice.

2.10 SUBMITTALS

The CONSULTANT will compile and transmit draft documents identified in this Scope of Services to the COUNTY for review.

The COUNTY will review draft submittals and provide the CONSULTANT with review comments. The CONSULTANT will address comments, prepare a matrix of comments and responses, as applicable, and submit revised documents. The CONSULTANT will assist the COUNTY in resolving the comments received from cooperating agencies, resource agencies, and the public, including preparation of individual responses.

The following submittals will be provided for this Scope of Services:

- Project Traffic Analysis Report
- Noise Study Report
- 30% Plans
- Public Involvement Plan / Community Awareness Plan (CAP)
- 60% Plans
- Public Meeting Exhibits
- 90% Plans
- Permitting Documents
- 100% Plans
- Final Documents

3.0 PROJECT COMMON AND PROJECT GENERAL TASKS

The CONSULTANT will perform project management and administrative tasks throughout the project's duration. These tasks include team and technical management, schedule monitoring and resource allocation management, and financial and progress reporting, and are applicable to many project activities, from Task 4 (Roadway Analysis) through Task 35 (Geotechnical).

Cost Estimates: The CONSULTANT is responsible for producing a construction cost estimate and reviewing and updating the cost estimate when scope changes occur and/or at milestones of the project. The CONSULTANT shall prepare construction cost estimates to be submitted with the 60%, 90%, and 100% submittals. A final bid sheet and COUNTY cost estimate using actual plan quantity takeoffs from the final approved plans will be submitted upon final approval of the plans. The CONSULTANT shall prepare bid quantities that include all bid items that comprise the project design. Bid items shall include reference to all applicable COUNTY and FDOT pay items. The quantity computation book will be submitted with the 100% submittal.

Specifications and Contract Documents: The CONSULTANT will prepare special provisions as required by the design that will include specifications covering any special construction methods

that may be required, or project-specific changes to the FOOT Standard Specifications for Road and Bridge Construction. The CONSULTANT will review the COUNTY'S General Conditions, Technical Specifications, and Supplemental Conditions. The CONSULTANT will also furnish the Bid Proposal forms to be included in the Contract Documents. The COUNTY will complete the remainder of the Contract Documents and incorporate the items furnished by the CONSULTANT. The CONSULTANT shall submit draft and final versions of the Special Provisions at the 90% and 100% review submittals, respectively.

Technical Meetings: The CONSULTANT shall attend all technical meetings necessary to execute the Scope of Services of this contract. This includes meetings with COUNTY and/or agency staff, between disciplines and subconsultants, such as access management meetings, pavement design meetings, local governments, railroads, airports, progress review meetings (phase review), and miscellaneous meetings. The CONSULTANT shall prepare and submit to the COUNTY'S Project Manager for review, the meeting minutes for all meetings attended by them. The meeting minutes are due within five (5) working days of attending the meeting.

Quality Assurance/Quality Control: It is the intention of the COUNTY that the CONSULTANTS, including their subconsultant(s), are held responsible for their work, including plans review. The purpose of CONSULTANT plan reviews is to ensure that the CONSULTANT plans follow the plan preparation procedures outlined in the COUNTY guidelines, FDOT Design Manual, that state and federal design criteria are followed with the COUNTY concept, and that the CONSULTANT submittals are complete. All subconsultant document submittals shall be submitted by the subconsultant directly to the CONSULTANT for their independent Quality Assurance/Quality Control review and subsequent submittal to the COUNTY. The CONSULTANT shall provide a constructability review of the 100% review plans, identifying potential construction risk activities and comments on the construction plans, specifications, bid documents, utility work schedules, and anticipated construction duration.

Supervision: The CONSULTANT shall supervise all technical design activities.

Coordination: The CONSULTANT shall coordinate with all disciplines of the project to produce a final set of construction documents.

3.1 PUBLIC INVOLVEMENT

The intent of the public involvement is to engage the public, including property owners, tenants, business owners and operators, public officials and agencies, facility users, interested parties, and special interest groups, during the development of the transportation project.

The CONSULTANT will coordinate and perform the appropriate level of public involvement for this project in accordance with the FDOT Design Manual.

The CONSULTANT will provide the COUNTY drafts of all public involvement materials (e.g., newsletters, property owner letters, advertisements, handouts, exhibits) associated with the following tasks for review and approval at least fourteen (14) business days prior to printing and/or distribution.

The CONSULTANT will document the entire public involvement and agency coordination process in a Comments and Coordination Report or Public Involvement Activities Report.

3.1.1 COMMUNITY AWARENESS PLAN (CAP)

The CAP identifies and documents the notification method to project stakeholders of potential impacts of a proposed construction project. Project stakeholders typically include local governments, law enforcement, affected property owners, tenants, and the public. The CAP establishes and maintains a strategy for public involvement during the design phase. A modified CAP Level 3 is anticipated for this project and will include the following elements:

1. Project Description
2. Description of the Community
3. Potential Controversial Issues
4. Special Commitments
5. List of Project Stakeholders
6. Proposed Public Notification Methods and Activities

3.1.2 PROJECT WEBSITE AND SOCIAL MEDIA

The CONSULTANT will develop and submit information to be uploaded to the COUNTY'S project website up to three (3) times during the project, coinciding with key milestones.

3.1.3 PUBLIC INVOLVEMENT DATA COLLECTION

The CONSULTANT will assist the COUNTY with collecting public involvement data and preparing responses to inquiries.

The CONSULTANT will maintain and regularly update the public involvement project file.

The CONSULTANT will coordinate with the COUNTY to obtain property owner mailing information from the COUNTY Property Appraiser's Office.

The CONSULTANT will investigate potential meeting locations to ensure ADA compliance and suitability.

The COUNTY will approve the meeting location.

The CONSULTANT will be responsible for meeting logistics and setup.

3.1.4 PUBLIC INVOLVEMENT COMMENT TRACKING

The CONSULTANT will compile and maintain all comments received throughout the project.

3.1.5 SCHEDULED PUBLIC MEETING

The CONSULTANT will support the COUNTY in conducting one (1) public meeting, which may occur outside normal business hours.

The CONSULTANT will assist with preparation, scheduling, attendance, documentation, and all activities shall comply with the FDOT Design Manual.

Types of Public Meeting

- One (1) Public Information Meeting

Meeting Requirements for the public information meeting, the CONSULTANT will prepare:

- Handouts
- Presentation
- Display boards
- Equipment setup
- Invitation Letters
- Legal classified notices (does not include display ad)
- Press release
- Meeting summary
- Responses to public comments

The CONSULTANT will attend the meeting with appropriate technical staff.

3.2 AERONAUTICAL EVALUATIONS

The CONSULTANT shall be responsible for complying with the requirements of Title 14 of the Code of Federal Regulations Part 77 (14 CFR Part 77), and for determining whether it is necessary to file any Notice of Proposed Construction or Alteration (FAA Form 7460-1) with the Federal Aviation Administration (FAA), utilizing the FAA Notice Criteria Tool. Place a copy of all pertinent documentation in the Project Documentation folder structure, e.g., Notice Criteria Tool inquiries and responses; FAA Form 7460-1 filed with the FAA; Letters of Determination (along with the records demonstrating compliance with the conditions and deadlines). Report any Letters of Determination designated other than "Does Not Exceed", to the Central Office (Aviation Office, Airspace and Land Use Manager).

4.0 ROADWAY ANALYSIS

The CONSULTANT shall analyze and document roadway tasks in accordance with all applicable manuals, guidelines, standards, handbooks, and procedures. Roadway Design services include reconstruction from an existing two-lane road to a 4- lane divided urban roadway with a 22-FDOT raised median, 12-FDOT travel lanes, curb & gutter, bike lanes, sidewalks, traffic noise abatement, driveways, underground drainage system, stormwater management facility, intersection improvements, maintenance of traffic, signage & pavement markings, and signalization. In addition to plan preparation, the CONSULTANT shall establish right-of-way requirements, FDOT/SWFWMD/FDEP permitting, coordination with Hernando County Utility Department for utility coordination & design, permitting, technical specifications, contract documents, bid items, quantities, and construction cost estimates. Design, survey, right-of-way mapping, subsurface utility locates, and geotechnical investigations are also included.

4.1 TYPICAL SECTION PACKAGE

The CONSULTANT will prepare a Typical Section Package indicating the lane widths, pedestrian features, border widths, and required utility easements and their relationship with the required right-of-way widths for the length of the project. There may be multiple typical sections to

accommodate the variable terrain and boundary limits along the alignment. The development of this package will be based specifically on the expected users of the facility, observed drivers' behavior, intersection functionality, traffic flow, pedestrian/bicycle activity, and other potential risk factors.

4.2 PAVEMENT DESIGN PACKAGE

The CONSULTANT will design the flexible pavement in accordance with the FDOT Flexible Pavement Design Manual. Designs required will include new construction, milling and resurfacing of existing pavement, and full-depth reclamation.

4.3 DESIGN ANALYSIS

Access Management: The CONSULTANT shall review adopted access management standards and the existing access conditions (signalized intersection spacing, median opening spacing, 44and connection spacing). Median openings that will be closed, relocated, or substantially altered shall be shown on plan sheets and submitted with supporting documentation for review with the first plans submittal.

4.5 SAFETY ANALYSIS

The CONSULTANT shall evaluate the corridor within the project limits for crash considerations, prior to development of a Typical Section Package. The CONSULTANT shall obtain five (5) years of certified site-specific crash data from the FDOT's Crash Analysis Reporting System (CARS) and Signal Four.

The CONSULTANT shall review the crash data for crash trends, including clusters of crashes at a specific location, time, and crash type. The CONSULTANT shall conduct a field review to verify existing conditions, observe driver behavior, traffic signal functionality, traffic flow, pedestrian and/or bicycle activity, and other potential risk factors.

4.7 OPERATIONAL ANALYSIS

The CONSULTANT shall finalize the design of roundabouts in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums. The CONSULTANT shall perform a final roundabout operational analysis that recommends a functional geometric layout that is cost-effective, safe, and meets the needs of the community. A final roundabout design will be recommended for implementation, and all geometric and operational analysis will be presented in the design documentation report.

4.8 HORIZONTAL/VERTICAL MASTER DESIGN FILES

The CONSULTANT shall design the geometrics using the Standard Plans that are most appropriate with proper consideration given to the design traffic volumes, design speed, capacity and levels of service, functional classification, adjacent land use, design consistency and driver expectancy, aesthetics, existing vegetation to be preserved, pedestrian and bicycle concerns, ADA requirements, Safe Mobility For Life Program, access management, PD&E documents and scope of work. The CONSULTANT shall also develop utility conflict information to be provided to the Project Utility Coordinator.

Model Development: When the project includes a 3D Model deliverable, the CONSULTANT shall design elements in a 3D Model in accordance with the FDOT CADD Manual and FDM.

4.9 ROADWAY QUANTITIES DEVELOPMENT

The CONSULTANT will determine roadway pay items and quantities, and the supporting documentation.

4.10 TEMPORARY TRAFFIC CONTROL PLAN

The CONSULTANT shall design a safe and effective Temporary Traffic Control Plan (TTCP) to move vehicular and pedestrian traffic during all phases of construction.

The design shall include:

- Construction phasing of roadways
- Ingress and egress to existing property owners and businesses
- Routing, signing, and pavement markings
- Detour quantity tabulations
- Roadway pavement, drainage structures, ditches, front slopes, back slopes
- Drop-offs within the clear zone

Special consideration shall be given to the construction of the drainage system when developing construction phases. Positive drainage must be maintained at all times.

The CONSULTANT shall investigate the need for:

- Temporary traffic signals
- Detours

The Traffic Control Plan shall be prepared by a certified designer who has completed training as required by the FDOT Advanced Temporary Traffic Control Training.

Before proceeding with the temporary traffic control plan (TTCP), the CONSULTANT shall meet with appropriate COUNTY personnel to coordinate Preliminary and Final TTCP efforts.

If a road closure is identified, the CONSULTANT shall notify the COUNTY'S Project Manager. Proposed road closures must be reviewed and approved by the COUNTY.

The TTCP for the Barclay Avenue (CR 585) Roadway Improvements will be developed to maintain traffic along this arterial corridor while accommodating phased roadway widening and drainage construction. Special emphasis will be placed on maintaining access to adjacent residential neighborhoods, commercial properties, and side streets. Construction phasing will be coordinated with proposed stormwater pond construction and cross-drain installations to ensure positive drainage is maintained at all times.

Master TTCP Design Files

The CONSULTANT shall develop master TTCP files showing each phase of construction. This includes:

- Lane configurations
- Diversions
- Lane shifts
- Signing and pavement markings
- Temporary traffic control devices

TTCP 3d Modeling (Isolated Locations)

When required, the CONSULTANT shall develop TTCP elements in a 3D Model in accordance with the FDOT CADD Manual and FDM.

4.11 QUALITY ASSURANCE/QUALITY CONTROL

4.12 SUPERVISION

4.13 FIELD REVIEWS

4.14 COORDINATION

5.0 ROADWAY PLANS

The CONSULTANT will prepare Roadway, Traffic Control, Utility Adjustment Sheets, plan sheets, notes, and details. The plans shall include the following sheets necessary to convey the project's intent and scope for the purposes of construction. The required sheets include:

- Key Sheet
- Summary of Pay Items
- Typical Sections
- Typical Section Details
- Summary of Quantities
- General Notes / Pay Item Notes
- Drainage Maps
- Project Layout
- Plan Profile sheets
- Back-of-Sidewalk Profiles
- Special Profiles
- Intersection Layout Detail
- Miscellaneous Details
- Roadway Soil Survey Sheet(s)
- Cross Sections
- Temporary Traffic Control Plan Sheets
- Utility Adjustment Sheets
- Utility Verification Sheet(s) (SUE Data)

Plan/profile sheets will be prepared at a scale of 1"=40' horizontal and 1"=4' vertical. Cross sections will be prepared at a scale of 1"=20' horizontal and 1"=10' vertical. The plan sheets will be plotted on 11"x17" sheets for the FINAL (signed & sealed) submittal. Interim submittals at the 30%, 60%, 90%, and 100% stages will be plotted at 11"x17" and CD/DVD's of the electronic PDF will be provided to reviewers.

The FINAL bid plans will be delivered on CD/DVD in AutoCAD 2018 or the latest version electronic file format.

5.1 QUALITY ASSURANCE/ QUALITY CONTROL

5.2 SUPERVISION

6a DRAINAGE ANALYSIS

The CONSULTANT will analyze and document Drainage Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

The CONSULTANT will be responsible for designing a drainage and stormwater management system. All design work will comply with the requirements of the Southwest Florida Water Management District (SWFWMD), any other regulatory agencies, and the COUNTY'S Land Development Code.

The CONSULTANT will coordinate fully with the appropriate permitting agencies and the COUNTY'S staff. All activities and submittals should be coordinated through the COUNTY'S Project Manager. The work will include the engineering analyses in Section 6.1 through Section 6.6 below.

The project includes approximately ten (10) drainage basins within the project limits. The project includes the modification of six (6) existing Drainage Retention Areas (DRAs) and the design of up to five (5) new DRAs/stormwater management facilities to meet water quality and attenuation requirements.

Existing stormwater conveyance within the corridor consists primarily of roadside ditches, cross drains, culverts, and localized closed storm sewer systems. Field review indicates varying conditions of conveyance capacity, sedimentation, and outfall performance. The CONSULTANT will evaluate existing conveyance systems for hydraulic adequacy under existing and proposed conditions and determine necessary upgrades or extensions.

Proposed stormwater conveyance will include regrading and/or reconstruction of roadside ditches, closed storm sewer systems where required by roadway widening, and connection to proposed stormwater management facilities.

The project is located within a closed basin system. All drainage design will comply with applicable closed basin criteria, including evaluation of peak stage impacts, recovery requirements, and avoidance of adverse impacts to adjacent properties. The drainage analysis will demonstrate no adverse increase in peak stages beyond allowable regulatory thresholds and will maintain positive drainage throughout all phases of construction.

6a.1 BASE CLEARANCE ANALYSIS

Analyze and document high water elevations per basin to establish roadway profile grades and materials. Determine surface water elevations at cross drains, floodplains, outfalls, and adjacent stormwater ponds. Determine groundwater elevations between surface waters.

6a.2 HYDROPLANING ANALYSIS

Perform hydroplaning analysis at necessary locations in accordance with FDOT Hydroplaning Guidance and FDM Chapters 210 and 211.

NOT INCLUDED IN THIS SCOPE OF SERVICES

6a.3 EXISTING PERMIT ANALYSIS

Perform data gathering and desktop review of local, state, and federal drainage permits.

6a.4 UTILITY CONFLICT MATRIX (DRAINAGE STRUCTURES)

Populate and coordinate the utility conflict matrix for drainage structures.

6a.5 NOISE BARRIER DRAINAGE ANALYSIS (OPTIONAL SERVICES)

Evaluate drainage openings in noise barriers to ensure proper flow conveyance.

PENDING NOISE STUDY REPORT FINDINGS

6a.6 TEMPORARY DRAINAGE ANALYSIS

Evaluate and maintain drainage during construction phases. Provide documentation.

6a.7 POND SITING ANALYSIS AND REPORT

Evaluate pond sites using preliminary hydrologic analysis. Document results and coordination.

For each drainage basin, the CONSULTANT will evaluate a minimum of three (3) conceptual pond siting alternatives, including variations in location and configuration. Alternatives will be evaluated based on hydraulic performance, right-of-way impacts, environmental considerations, and constructability.

If a viable pond site exists within COUNTY-owned property or existing right-of-way and does not require additional right-of-way acquisition, that alternative may be advanced without evaluation of three separate sites, subject to COUNTY approval.

Where existing Drainage Retention Areas (DRAs) are present, modification or expansion of those facilities will be evaluated prior to proposing new stormwater management facilities.

6a.8 ANALYSIS OF PIPE VIDEO INSPECTION REPORT

NOT INCLUDED IN THIS SCOPE OF SERVICES

6a.9 BRIDGE HYDRAULIC REPORT

NOT INCLUDED IN THIS SCOPE OF SERVICES

6a.10 DESIGN OF CROSS DRAINS

NOT INCLUDED IN THIS SCOPE OF SERVICES

6a.11 DESIGN OF DITCHES AND SIDE DRAINS

Design roadway conveyance and outfall ditches, including capacity calculations and lining selection.

6a.12 DESIGN OF STORMWATER MANAGEMENT FACILITY

Design offsite or infield ponds and treatment systems to meet water quality and attenuation requirements.

Following completion of the Pond Siting Analysis and Report (PSR), only the COUNTY-approved preferred pond site for each basin will be advanced into detailed design under this task.

6a.13 DESIGN OF FLOODPLAIN COMPENSATION

Determine encroachments and develop compensation areas.

Base flood elevations and floodplain impacts will be evaluated using the Wiscon Watershed Model to assess existing and proposed conditions. Any required floodplain compensation will be provided within proposed Drainage Retention Areas (DRAs) or through expansion of existing DRAs and will be integrated into the overall stormwater management facility design to ensure no adverse increase in base flood stages.

6a.14 DESIGN OF STORM DRAINS

Delineate drainage areas and design storm sewer systems.

6a.15 OPTIONAL CULVERT MATERIAL

Determine acceptable pipe materials using FDOT's Culvert Service Life Estimator.

6a.16 TRENCH DRAINS

Not included in this scope of services.

6a.17 FRENCH DRAIN SYSTEMS

Not included in this scope of services.

6a.18 DRAINAGE WELLS

Not included in this scope of services.

6a.19 STORMWATER RUNOFF CONTROL CONCEPT

Analyze and design stormwater runoff control concept.

6a.20 OTHER DRAINAGE TASKS

Not applicable.

6a.21 DRAINAGE DESIGN DOCUMENTATION REPORT

Compile drainage design documentation.

6a.22 DRAINAGE QUANTITIES FOR EQ REPORT

Determine drainage pay items and quantities.

6a.23 COST ESTIMATE

Prepare cost estimates for drainage components.

6a.24 TECHNICAL OR MODIFIED SPECIAL PROVISIONS

Not applicable.

6a.25 QUALITY ASSURANCE/QUALITY CONTROL

Implement QA/QC procedures.

6a.26 SUPERVISION

Provide technical supervision.

6a.27 DRAINAGE MEETINGS

Attend meetings with the COUNTY and regulatory agencies.

6a.28 FIELD REVIEWS

Conduct field reviews as necessary.

6a.29 COORDINATION

Coordinate drainage design with other disciplines.

6b DRAINAGE PLANS

The CONSULTANT will prepare Drainage plan sheets, notes, and details. The plans will include the following sheets necessary to convey the intent and scope of the project for construction.

- Drainage Map
- Summary Of Drainage Structures
- Drainage Structure Sheet(s) (Per Structure)
- Miscellaneous Drainage Detail Sheets
- Retention/Detention Pond Detail Sheet(s)
- Retention Pond Cross Sections

- Erosion Control Plan Sheet(s)
- Stormwater Pollution Prevention Plan (SWPPP) Sheet(s)

7.0 UTILITIES

The CONSULTANT will provide Utility Coordination. The CONSULTANT is responsible for coordinating all design work with HCUD and private utility owners and companies having existing and/or planned facilities within the limits of the project. The CONSULTANT shall prepare utility adjustment plans to show existing public HCUD and utilities to be removed. Utility adjustment plans shall be prepared on screened reproducible copies of the roadway plan and profile sheets and shall be made part of the roadway plans. The CONSULTANT shall integrate the utility relocations and utility work schedules with the Traffic Control Plans and the anticipated project construction schedule. Utility relocations during construction will be input into the construction duration estimate.

7.1 IDENTIFY EXISTING UTILITY AGENCY OWNER(S)

The CONSULTANT will identify utilities within and adjacent to the project limits that may be impacted by the project. The CONSULTANT shall contact Sunshine 811 to obtain a current list of providers. The CONSULTANT will be responsible for coordinating with other utility owners within the project area that are not part of Sunshine 811. From the design ticket, twelve (12) UAOs were identified within the project limits: Charter Communications, Advanced Cable Communications, Zayo Group, Wow Internet, Hernando County Traffic, Hernando County Sewer, Hernando County Water, TECO Peoples Gas, AT&T Distribution, Tillman Fiberco, Wanrack LLC, and Withlacoochee River Electric.

7.2 MAKE UTILITY CONTACTS

The CONSULTANT will send letters and two (2) sets of plans to each provider during the 30% design phase and submit a copy of each package to the COUNTY for review. Request type, size, location, easements, as-builts, RGBs, and cost for relocation if reimbursement is claimed. Request the voltage level for power lines and the height of the lowest wire in the project area.

7.3 COLLECT AND REVIEW PLANS AND DATA FROM UAO(S)

The CONSULTANT will review utility-marked plans and data individually as they are received for content. Ensure information from the UAO (utility type, material, and size) is sent to the designer for inclusion in the plans. The CONSULTANT will develop a utility conflict matrix.

7.4 UTILITY DESIGN MEETING

The CONSULTANT will schedule (time and place), notify participants, and conduct a utility meeting with all affected UAO(s). The CONSULTANT shall be prepared to discuss impacts to existing trees/vegetation and proposed landscape, drainage, traffic signalization, maintenance of traffic (construction phasing), review the current design schedule and letting date, evaluate the utility information collected, discuss with each UAO the utility work by highway contractor option, discuss any future design issues that may impact utilities, etc., to the extent that they may have an effect on existing or proposed utility facilities with particular emphasis on drainage and maintenance of traffic with each UAO. The intent of this meeting shall be to assist the UAOs in

identifying and resolving conflicts between utilities and proposed construction before completion of the plans, including utility adjustment details. Also, work with the UAOs to recommend potential resolutions between known utility conflicts with proposed construction plans. The CONSULTANT will keep accurate minutes of all meetings and distribute a copy to all attendees within five (5) business days.

7.5 REVIEW UTILITY MARKUPS/WORK SCHEDULES

The CONSULTANT will review utility-marked plans and work schedules as they are received for content and coordinate review with the design team. Send color markups and schedules to the COUNTY for review and comment. Coordinate with the COUNTY for execution. Distribute Executed Final Documents. Prepare Work Order for UAO(s).

7.6 UTILITY COORDINATION/FOLLOW-UP

The CONSULTANT will provide utility coordination and follow-up. This includes follow-up, interpreting plans, and assisting the UAOs with completion of their work schedules and agreements. Includes phone calls, face-to-face meetings, etc., to motivate and ensure the UAO(s) complete and return the required documents in accordance with the project schedule. Ensure the resolution of all known conflicts. The CONSULTANT will keep accurate minutes of all meetings and distribute a copy to all attendees. This task can be applied to all phases of the project.

7.7 CONTRACT PLANS TO UAO(S)

The CONSULTANT shall transmit the contract plans as processed for letting to the UAO(s). Transmittals to UAO(s) may be by certified mail, return receipt requested.

7.8 CERTIFICATION/CLOSE-OUT

This includes hours for transmitting utility files to the COUNTY and preparation of the Utility Certification Letter. The CONSULTANT will certify to the appropriate COUNTY representative the following:

All utility negotiations (Full execution of each agreement, approved Utility Work Schedules, Technical Special Provisions or Modified Special Provisions written, etc.) have been completed with arrangements made for utility work to be undertaken and completed as required for proper coordination with the physical construction schedule.

OR

An on-site inspection was made, and no utility work will be involved.

OR

Plans were sent to the Utility Companies/Agencies, and no utility work is required.

8.0 ENVIRONMENTAL PERMITS, COMPLIANCE, AND ENVIRONMENTAL CLEARANCES

The CONSULTANT will notify the COUNTY Project Manager, Environmental Permit Coordinator,

and other appropriate COUNTY personnel in advance of all scheduled meetings with the regulatory agencies to allow a COUNTY representative to attend. The CONSULTANT will copy in the Project Manager and the Environmental Permit Coordinator on all permit-related correspondence and meetings.

The CONSULTANT will coordinate and develop the regulatory permits for the Large Off Airport Project for the FAA in accordance with their guidelines for aeronautical studies; 49 U.S.C., Section 44718, Title 14. The airport in consideration is Hidden Lake Airport, New Port Richey, Florida.

8.1 PRELIMINARY PROJECT RESEARCH

The CONSULTANT will perform preliminary project research and be responsible for regulatory agency coordination to ensure that design efforts are properly directed toward permit requirements. The research will include, but should not be limited to, a review of the project's planning documents.

The CONSULTANT will research any existing easements and other restrictions that may exist both within and adjacent to the proposed project boundary. Project research may include, but should not be limited to, review of available: federal, state, and local permit files and databases; and local government information. The CONSULTANT will provide an analysis of the permitted plans and calculations to determine if a permit modification is required.

8.2 FIELD WORK

The CONSULTANT will review existing ponds and stormwater conveyance systems to establish an assessment of viability for the expanded project requirements or if improvements are required. This assessment will include establishing a need for video inspections.

Field work will include 100% surveys for Gopher Tortoise (GT) burrows within the project boundary using a FWC authorized GT Agent following FWC's GT permitting guidelines. The survey shall include the project limits plus twenty-five (25) feet, where authorization for land access is granted. All burrows will be documented and mapped via hand-held GPS, flagged in the field, and classified as Potentially Occupied or Abandoned. A summary report will be prepared with maps and recommendations for any permitting requirements.

8.3 COMPLETE AND SUBMIT ALL REQUIRED PERMIT APPLICATIONS

The CONSULTANT will collect all the data and information necessary to prepare the permit applications and obtain the environmental permits required to construct the project as identified in the Project Description. The CONSULTANT will prepare each permit application in accordance with the rules and regulations of the regulatory agency responsible for issuing a specific permit and/or authorization to perform work. The permit application packages must be approved by the COUNTY prior to submittal to regulatory agencies.

The CONSULTANT will submit all permit applications, as directed by the COUNTY, and be responsible for payment of all permits and public notice fees as a project expense.

Gopher tortoise relocation permits, if required, are not included in this current phase of the Project. See post design services.

9.0 STRUCTURES

The CONSULTANT will provide structural design for mast arms and property/noise abatement walls necessary for the project as described. The designs shall be in accordance with the criteria listed in Section 2.1, Project Requirements and Provisions for Work. All calculations, documentation, plans, notes, and details shall be made available to the COUNTY at the required submittals to convey the project's intent and scope for the purposes of construction.

9.1 WALLS

If walls need to be constructed, the CONSULTANT will design the walls for requirements based on the Noise Abatement Study.

9.2 MAST ARMS

The CONSULTANT will design and develop plans for mast arm poles for the required intersections to accommodate pedestrian movements across turn lanes. The anticipated number of mast arm poles is eight (8) – four (4) mast arms at each of the two (2) intersections.

18.0 STRUCTURES – MISCELLANEOUS

The CONSULTANT will prepare plans for Miscellaneous Structures as specified in 9.0

- 18.9 Mast Arms
- 18.10 Mast Arm Data Table Plan Sheets
- Noise Barrier Walls (Ground Mount)
- 18.21 Horizontal Wall Geometry
- 18.22 Vertical Wall Geometry
- 18.23 Summary of Quantities – Aesthetic Requirements
- 18.24 Control Drawings
- 18.25 Design of Noise Barrier Walls Covered by Standards
- 18.27 Aesthetic Details

19.0 SIGNING AND PAVEMENT MARKING ANALYSIS

The CONSULTANT will provide all signing/ marking design services and plans preparation. Services are to consist of an inventory of existing signs and preparation of signing and pavement marking plans. The CONSULTANT will analyze and document Signing and Pavement Markings Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, and procedures.

The CONSULTANT will establish sign layout, letter size, and series for non-standard signs.

19.1 SIGNING AND PAVEMENT MARKING MASTER DESIGN FILE

The CONSULTANT shall prepare the Signing & Marking Design file to include all necessary design elements and all associated reference files.

19.2 SIGNING AND PAVEMENT MARKING QUANTITIES

The CONSULTANT shall identify signing and pavement marking pay items and quantities.

19.3 COST ESTIMATE

The CONSULTANT shall prepare a cost estimate for the signing and pavement marking components of the project.

19.4 FIELD REVIEWS

19.5 QUALITY ASSURANCE/QUALITY CONTROL

19.6 SUPERVISION

19.7 COORDINATION

19.8 TECHNICAL MEETINGS

20.0 SIGNING AND PAVEMENT MARKING PLANS

The CONSULTANT will prepare a set of Signing and Pavement Marking Plans in accordance with all applicable manuals, guidelines, standards, handbooks, and procedures.

The plan sheets will be prepared at a scale of 1"= 40' on 11"x17" sheets. The plan sheets will include the locations of pavement markings and proposed signs by station and offset. Existing signs that affect the project will be shown on the plan sheets, as necessary. No overhead signs are anticipated. Signing and Pavement Marking plans will be prepared and submitted with the 60%, 90%, and 100% roadway submittal. The 60% submittal will include all design details except for quantities. The 90% and 100% submittal will incorporate COUNTY review comments and provide a completed Tabulation of Quantities Sheet.

20.1 SIGNING AND PAVEMENT MARKING PLAN SET WILL INCLUDE:

- Key Sheet
- Signature Sheet
- Tabulation of Quantities Sheet
- General Notes Sheet
- Stripping Detail Sheet
- Advance Street Name Sign Worksheets
- Plan Sheets

20.2 QUALITY ASSURANCE/QUALITY CONTROL

The CONSULTANT shall be responsible for the professional quality, technical accuracy, and coordination of design drawings, specifications, and other services furnished by the CONSULTANT under this contract.

20.3 SUPERVISION

21.0 SIGNALIZATION ANALYSIS

The CONSULTANT will perform a signal analysis to determine the signal head and pedestrian signal layout and appropriate spacing to accommodate the improved geometry of the signalized intersection at Barclay Ave and Powell Rd/Elgin Blvd. Services are to consist of an inventory of the existing signal layout and preparation of new signalization plans. Phasing will be in accordance with COUNTY Standards. Existing signal timing will be obtained by the CONSULTANT from the COUNTY. The development of signal plans at other intersections can be added as an “Additional Service.”

21.1 TRAFFIC DATA COLLECTION

Traffic Counts: The CONSULTANT will obtain Annual Average Daily Traffic (AADT) and Directional Design Hour Volume (DDHV) for Level of Service (LOS) analysis at four (4) locations along the alignment to be determined prior to the collection procedures. Turning movement counts (TMC) will be gathered from 6 am to 8 pm at ten (10) intersections along Barclay Ave:

- Powell Rd/Elgin Blvd
- Astaire Ln
- Silverthorn Blvd
- Zeth Ct
- San Antonio Rd
- Highgrove Rd
- Lawrence St
- Nodoc Rd
- Irving St
- Lucky Ln

Safety Analysis: The CONSULTANT shall evaluate the corridor within the project limits for crash considerations, prior to development of a Typical Section Package. The CONSULTANT shall obtain 5 years of certified site-specific crash data from FDOT's Crash Analysis Reporting System (CARS) and Signal Four.

The CONSULTANT shall review the crash data for crash trends including cluster of crashes at a specific location, time, and crash type. The CONSULTANT shall conduct a field review to verify existing conditions, observe driver behavior, traffic signal functionality, traffic flow, pedestrian and/or bicycle activity, and other potential risk factors.

21.2 TRAFFIC DATA ANALYSIS

Methodology: The CONSULTANT will prepare a draft methodology statement and meet with the Traffic Operations Manager to discuss and establish analysis requirements after reviewing the current traffic forecast and any suggested modifications. The CONSULTANT shall submit the Traffic Methodology Statement to the COUNTY for review, comment, and acceptance.

Future Demand Forecast: The CONSULTANT will develop the forecast for future year volumes (2048) through coordination with the COUNTY concerning regional growth trends and historical

growth rates. The volumes include Annual Average Daily Traffic (AADT) and Directional Design Hour Volume (DDHV) for Level of Service (LOS) analysis. The existing turning movement counts will be factored forward to the design year for analysis purposes. The forecasted volumes will take into consideration traffic patterns with the opening of adjacent developments. Anticipated peak hour volumes for area developments will be provided by the COUNTY. The development of trip generation estimates for additional developments can be added as an "Additional Service."

The CONSULTANT will develop the necessary traffic volumes for the Noise Abatement Study analysis.

Operations Analysis: The CONSULTANT will assess the intersection turning movement volumes at the ten intersections previously identified for delay, LOS, and queuing. The final methodology will be determined through coordination with the COUNTY but is anticipated to include analysis during weekday morning and afternoon peak hours for the existing and design year scenarios. The analysis is anticipated to use Synchro 12 and Highway Capacity Software (HCS) with methodologies identified by the Highway Capacity Manual (HCM) 7th Edition.

Evaluate the operations of roundabout intersection control at the Barclay Ave intersections at Highgrove Rd and Irving St during the AM and PM peak hour periods under the existing and design year traffic volumes.

21.3 SIGNAL WARRANT STUDY

Signal warrant analysis will be completed at up to four locations, currently anticipated to include the Barclay Ave intersections at:

- Silverthorn Blvd
- Highgrove Rd
- Lawrence St
- Irving St

21.4 REFERENCE AND MASTER SIGNALIZATION DESIGN FILE

The CONSULTANT shall prepare the Signalization Design file to include all necessary design elements and all associated reference files.

21.5 TRAFFIC OPERATIONS REPORT

The CONSULTANT shall prepare a Project Traffic Analysis Report (PTAR) to summarize the operational analysis results and intersection improvement recommendations.

21.6 SIGNALIZATION QUANTITIES

The CONSULTANT will prepare the signalization pay items and quantities for the Barclay Ave intersections.

21.7 TECHNICAL SPECIFICATIONS AND SPECIAL/MODIFIED SPECIAL PROVISIONS

The CONSULTANT will prepare the required specifications to address the materials/methodology

required.

21.8 FIELD REVIEWS

The CONSULTANT shall collect information from the maintaining agencies and conduct a field review. The review should include, but is not limited to, the following:

- Existing Signal and Pedestrian Phasing
- Controller Make, Model, Capabilities, and Condition/Age
- Condition of Signal Structure(s)
- Type of Detection as Compared with Current District Standards
- Interconnect Media
- Controller Timing Data

21.9 QUALITY ASSURANCE/QUALITY CONTROL

The CONSULTANT shall be responsible for the professional quality, technical accuracy, and coordination of traffic design drawings, specifications, and other services furnished by the CONSULTANT under this contract.

21.10 SUPERVISION

The CONSULTANT shall provide supervision of the signalization analysis.

21.11 COORDINATION

The CONSULTANT shall coordinate with other design team staff and COUNTY staff.

22.0 SIGNALIZATION PLANS

The signal plan sheets shall show the design of the loop replacement, pedestrian signal relocation, controller timing adjustments, and signal head adjustments. The plan sheets will be prepared at a scale of 1"=40' on 11"x17" sheets. Signalization plans will be prepared and submitted with the 60%, 90%, and 100% roadway submittal. The 60% submittal will include all design details except for quantities. The 90% and 100% submittal will incorporate COUNTY review comments and provide a completed Tabulation of Quantities Sheet.

22.1 PLANS SHEETS WILL INCLUDE:

- Key Sheet
- Tabulation of Quantities Sheet
- General Notes Sheet (provided by the COUNTY)
- Signal Plan Sheet(s)
- Mast Arm Details/Design Table
- Mast Arm Structural Details
- Street Name Sign Worksheets
- Sign Bracket Details and
- Core Boring Sheets

22.2 TTCP Signal

The CONSULTANT shall develop temporary signalized traffic control plan sheets for the signalized intersection at Barclay Ave and Powell Rd/Elgin Blvd for up to three (3) stages.

22.3 QUALITY ASSURANCE/QUALITY CONTROL

The CONSULTANT shall be responsible for the professional quality, technical accuracy, and coordination of traffic design drawings, specifications, and other services furnished by the CONSULTANT under this contract.

22.4 SUPERVISION

The CONSULTANT shall provide supervision and coordination for the development of signalization plans.

23.0 LIGHTING ANALYSIS

The CONSULTANT will analyze and document Lighting Tasks in accordance with applicable manuals, guidelines, standards, handbooks, and procedures. Photometrics will be produced adhering to the Florida Design Manual (FDM) sections 231 and 326 for review and acceptance by the COUNTY. The CONSULTANT will include the designs of foundations and breakaway posts for poles placed within the Clear Zone per FDM 215 and 231. Photometric criteria must be met for all signalized intersections, RABs, crosswalks, and trails.

23.1 VOLTAGE DROP CALCULATIONS

The CONSULTANT shall submit voltage drop calculations showing the equation or equations used, along with the number of luminaries per circuit, the length of each circuit, the size conductor or conductors used, and their ohm resistance values. The voltage drop incurred on each circuit (total volts and percentage of drop) shall be calculated, and all work necessary to calculate the voltage drop values for each circuit should be presented.

The Voltage Drop Calculations shall be submitted as part of the photometrics analysis.

23.2 REFERENCE AND MASTER DESIGN FILES

The CONSULTANT shall prepare the Lighting Design file to include all necessary design elements and all associated reference files.

23.3 LIGHTING QUANTITIES

The CONSULTANT shall identify lighting pay items and quantities.

23.4 COST ESTIMATE

The CONSULTANT shall prepare a cost estimate for the lighting components of the project.

23.5 FIELD REVIEWS

The CONSULTANT shall collect information from the maintaining agencies and conduct a field review. The review should include but is not limited to the following:

- Existing Lighting Equipment
- Load Center, Capabilities and Condition/Age
- Condition of Lighting Structure(s)
- Verification of Horizontal Clearances
- Verification of Breakaway Requirements

23.6 QUALITY ASSURANCE/QUALITY CONTROL

23.7 SUPERVISION

23.8 COORDINATION

23.9 TECHNICAL MEETINGS

24.0 LIGHTING PLANS

The CONSULTANT will prepare a set of Lighting Plans in accordance with applicable manuals, guidelines, standards, handbooks, and procedures.

24.1 LIGHTING PLANS SET WILL INCLUDE THE FOLLOWING SHEETS:

- Key Sheet
- Signature Sheet
- General Notes
- Pay Item
- Pole Data
- Plan Sheets
- Typical Details

24.2 QUALITY ASSURANCE/QUALITY CONTROL

The CONSULTANT shall be responsible for the professional quality, technical accuracy and coordination of design drawings, specifications and other services furnished by the CONSULTANT under this contract.

24.3 SUPERVISION

27.0 SURVEY

The SUBCONSULTANT (WGI) will provide Geodetic Control, Design Survey, and Right-of-Way Surveying services for the project.

Topographic data will be collected primarily using a truck-mounted Riegl VMX-2HA Terrestrial

Mobile LiDAR (TML) system along the roadway corridor. This system enables efficient, high-density data collection while keeping field personnel out of active travel lanes and minimizing impacts to the traveling public. Areas that are obscured, beyond pavement limits, or not fully captured by mobile LiDAR will be surveyed by CONSULTANT using conventional GNSS and optical methods to ensure complete and accurate coverage. All data collected from ground survey efforts and multiple LiDAR platforms will be processed, reconciled by the CONSULTANT, and integrated into a single, seamless deliverable in MicroStation or AutoCAD format for use by the design team by CONSULTANT. The resulting dataset will provide a reliable and consistent foundation for engineering analysis and design.

Right-of-Way Surveying will also be performed as part of this project. The SUBCONSULTANT will recover existing alignment reference points, right-of-way monuments, sectional corners, and property corners throughout the corridor. These recovered monuments will support the establishment of the Baseline Alignment and definition of existing right-of-way lines within the project limits. The approved right-of-way map will serve as the base document for preparation of parcel sketches and legal descriptions for fee acquisitions, temporary construction easements, and permanent easements.

28.0 SUBSURFACE UTILITY EXPLORATION

28.1 UNDERGROUND UTILITIES

Designation includes a 2-dimensional collection of existing utilities and selected 3-dimensional verification as needed for designation. Location includes non-destructive excavation to determine the size, type, and location of existing utility, as necessary for final 3-dimensional verification. Survey includes collection of data on points as needed for designates and locates. Includes analysis and processing of all field-collected data, and delivery of all appropriate electronic files.

Level A (Locates)

158 locates are included to investigate eight (8) signal foundations, thirty-two (32) light poles, drainage structures, and noise walls.

Soil removed for obtaining locates on utility lines shall be placed back in the excavation in a way that does not disturb or damage the utility. Locates through asphalt pavement shall be finished with cold pack asphalt to at least the same thickness as the base and asphalt that was removed. Locates through concrete pavement, sidewalks, etc., shall be finished using a high-strength concrete mix to the same depth as what was removed. The cuts made in asphalt and concrete for locates shall be made in a manner that provides a patch with regular sides that will be level with no protruding or jagged edges.

32.0 NOISE ANALYSIS

The CONSULTANT will perform the noise analysis, noise abatement evaluation, and assessment of construction noise and vibration impacts in accordance with Part 2, Chapter 18 of the PD&E Manual and FDOT's Traffic Noise Modeling and Analysis Practitioner's Handbook.

A noise study methodology meeting will be conducted with the COUNTY prior to analysis.

Analysis

The CONSULTANT will:

- Prepare noise evaluation methodology for submittal to the COUNTY
- Perform desktop evaluation and building permit review to identify potential noise receptors and common noise environments
- Utilize traffic data from the PTAR and develop noise traffic data sheets
- Conduct predictive analysis using FHWA TNM
- Analyze no-build (existing and design year)
- Analyze build alternatives (design year)
- Identify impacted receptors
- Evaluate feasible and reasonable noise abatement. If noise barriers are feasible, coordination with the COUNTY will occur.
- Meetings with COUNTY to coordinate methodology, evaluation, and abatement results

Documentation

The CONSULTANT will document methodology and results in a Noise Study Report (NSR).

The CONSULTANT will provide:

- PDF of NSR
- TNM input/output files

The CONSULTANT will summarize the analysis in the project documentation.

Noise analysis will evaluate potential impacts to residential and noise-sensitive receptors along the Barclay Avenue corridor under Build and No-Build conditions. If impacts are identified, feasible and reasonable abatement will be evaluated consistent with FDOT criteria.

35.0 GEOTECHNICAL SERVICES

The CONSULTANT shall be responsible for a complete geotechnical investigation. All work performed by the CONSULTANT shall be in accordance with FDOT and COUNTY standards.

Before beginning each phase of investigation and after the Notice to Proceed is given, the CONSULTANT shall submit an investigation plan for approval and meet with the COUNTY'S representative to review the project scope and requirements. The investigation plan shall include, but not be limited to, the proposed boring locations and depths, and all existing geotechnical information from available sources to generally describe the surface and subsurface conditions of the project site. Additional meetings may be required to plan any additional field efforts, review plans, resolve plans/report comments, resolve responses to comments, and/or any other meetings necessary to facilitate the project.

Subsurface Explorations shall be completed to support the design of the following project improvements:

- 2.75 Miles of roadway widening from a two-lane to four-lane roadway, along with stormwater pipes that will flow to nine ponds along the project and water main replacements along Barclay Avenue.

- Nine (9) Drainage ponds ranging in size from 0.85 acres to 4.69-acres. Exploration shall include Ground Penetrating Radar (GPR) at each of the ponds to evaluate the ponds for anomalous features that could be indicative of “Karst” sinkhole activity. Complete subsurface explorations, permeability testing, and infiltration testing to support dry pond designs.
- Complete pavement coring activities along the length of the project to collect pavement data including but not limited to pavement type and thickness, base material type and thickness, and identification of crack depths.
- Mast Arm signal design at two (2) intersections along Barclay Avenue
- Noise Wall design with lengths of up to 7,800 lineal feet along Barclay Avenue

Subsequent to completion of field explorations, laboratory testing shall be completed to further characterize the site soil conditions. Geotechnical analyses and reporting shall be completed to support the design and construction of the project.

35.1 DOCUMENT COLLECTION AND REVIEW

CONSULTANT will review printed literature, including topographic maps, COUNTY agricultural maps, aerial photography (including historic photos), groundwater resources, geology bulletins, potentiometric maps, pile driving records, historic construction records, and other geotechnical-related resources. Prior to field reconnaissance, CONSULTANT shall review U.S.G.S., S.C.S., and potentiometric maps and identify areas with problematic soil and groundwater conditions.

The CONSULTANT shall be responsible for the coordination of all geotechnical related field work activities.

A preliminary roadway exploration shall be performed before the Phase I plans submittal. The preliminary roadway exploration will be performed and results provided to the Engineer of Record to assist in setting roadway grades and locating potential problem areas.

CONSULTANT shall perform specialized field testing as required by project needs. All laboratory testing and classification will be performed in accordance with applicable FDOT and COUNTY standards, ASTM Standards, or AASHTO Standards, unless otherwise specified in the Contract Documents.

35.2 DEVELOP DETAILED BORING LOCATION PLAN

Develop a detailed boring location plan. Meet with COUNTY representatives if required for boring plan approval.

35.3 STAKE BORINGS/UTILITY CLEARANCE

Stake borings and obtain utility clearance.

35.5 COORDINATE AND DEVELOP TTCP FOR FIELD INVESTIGATION

Coordinate and develop the Temporary Traffic Control Plan (TTCP). All work zone traffic control will be performed in accordance with FDOT Standard Plans Index 102 series.

35.6 DRILLING ACCESS PERMITS

Obtain all State, COUNTY, City, and Water Management District permits for performing geotechnical borings, as needed.

35.7 PROPERTY CLEARANCES

Notify property tenants in person of drilling and field activities, if applicable. Written notification to property owners/tenants is the responsibility of the COUNTY'S Project Manager with assistance provided by the Design Team.

35.8 GROUNDWATER MONITORING

Monitor groundwater, using piezometers.

35.9 LBR/RESILIENT MODULUS SAMPLING

Collect appropriate samples for Limerock Bearing Ratio (LBR)/Resilient modulus testing.

35.10 COORDINATION OF FIELD WORK

Coordinate all field work required to provide geotechnical data for the project.

35.11 SOIL AND ROCK CLASSIFICATION – ROADWAY

Refine soil profiles recorded in the field, based on results of laboratory testing.

35.12 DESIGN LBR

Determine design LBR values from the 90% and mean methods when LBR testing is completed and convert to Resilient Modulus to be used for Pavement Design on the project.

35.13 LABORATORY DATA

Tabulate laboratory test results for inclusion in the geotechnical report, the report of tests sheet (Roadway Soil Survey Sheet), and for any necessary calculations and analyses.

35.14 SEASONAL HIGH WATER TABLE

Review the encountered ground water levels and estimate seasonal high ground water levels. Estimate seasonal low ground water levels, if requested.

35.15 PARAMETERS FOR WATER RETENTION AREAS

Calculate parameters for water retention areas, exfiltration trenches, and/or swales.

35.16 DELINEATE LIMITS OF UNSUITABLE MATERIAL

Delineate limits of unsuitable material(s) in both horizontal and vertical directions. Assist the Engineer of Record with detailing these limits on the cross-sections. If requested, prepare a plan

view of the limits of unsuitable material.

35.17 ELECTRONIC FILES FOR CROSS-SECTIONS

Create electronic files of boring data for cross-sections.

35.19 MONITOR EXISTING STRUCTURES

Provide Roadway EOR guidance on the radius to review existing structures for monitoring. Optional services (may be negotiated at a later date if needed): Identify existing structures in need of settlement, vibration, and/or groundwater monitoring by the contractor during construction and coordinate with the EOR and structural engineer (when applicable) to develop mitigation strategies. When there is a risk of damage to the structure or facility, provide recommendations in the geotechnical report addressing project-specific needs and coordinate those locations with the EOR. See FDM Chapter 307 and Chapter 9 of the Soils and Foundations Handbook.

35.21 GEOTECHNICAL RECOMMENDATIONS

Provide geotechnical recommendations regarding the proposed roadway construction project, including the following: description of the site/alignment, design recommendations, and discussion of any special considerations (e.g., removal of unsuitable material, consolidation of weak soils, estimated settlement time/amount, groundwater control, high groundwater conditions relative to pavement base, etc.)

35.22 PAVEMENT CORING REPORT

35.23 PRELIMINARY ROADWAY REPORT

If a preliminary roadway investigation is performed, submit a preliminary roadway report before the Phase I plans submittal. The purpose of the preliminary roadway report will be to assist in setting road grades and locating potential problems.

- Copies of U.S.G.S. and S.C.S. maps with project limits shown.
- A report of tests sheet that summarizes the laboratory test results, the soil stratification (i.e., soils grouped into layers of similar materials) and construction recommendations relative to Standard Plans Indices 120-001 and 120-002.
- The results of all tasks discussed in all previous sections regarding data interpretation and analysis.
- An appendix that contains stratified soil boring profiles, laboratory test data sheets, sample embankment settlement and stability calculations, design LBR calculation/graphs, and other pertinent calculations.
- The CONSULTANT will respond in writing to any changes and/or comments from the COUNTY and submit any responses and revised reports.

35.24 FINAL REPORT

The Final Roadway Report shall include the following:

- Copies of U.S.G.S. and S.C.S. maps with project limits shown.
- A report of tests sheet that summarizes the laboratory test results, the soil stratification (i.e., soils grouped into layers of similar materials) and construction recommendations relative to Standard Plans Indices 120-001 and 120-002.

- The results of all tasks discussed in all previous sections regarding data interpretation and analysis.
- An appendix that contains stratified soil boring profiles, laboratory test data sheets, sample embankment settlement and stability calculations, design LBR calculation/graphs, and other pertinent calculations.
- The CONSULTANT will respond in writing to any changes and/or comments from the COUNTY and submit any responses and revised reports.

35.25 AUGER BORING DRAFTING

Draft auger borings as directed by the COUNTY.

35.26 SPT BORING DRAFTING

Draft SPT borings as directed by the County.

The CONSULTANT shall be responsible for the coordination of all geotechnical-related fieldwork activities.

CONSULTANT shall perform specialized field-testing as required by the needs of project and as directed in writing by the COUNTY.

All laboratory testing and classification will be performed in accordance with applicable FDOT and COUNTY standards, ASTM Standards or AASHTO Standards, unless otherwise specified in the Contract Documents.

The staff hour tasks for walls, lighting, mast arm signals, and strain poles shall include the following:

35.27 DEVELOP DETAILED BORING LOCATION PLAN

Develop a detailed boring location plan. Meet with the COUNTY representative for boring plan approval.

35.28 STAKE BORINGS/UTILITY CLEARANCE

Stake borings and obtain utility clearance.

35.29 COORDINATE AND DEVELOP TTCP FOR FIELD INVESTIGATION

Coordinate and develop TTCP plan. All work zone traffic control will be performed in accordance with the FDOT Standard Plans Index 102 series.

35.30 DRILLING ACCESS PERMITS

Obtain all State, COUNTY, City, and Water Management District permits for performing geotechnical borings, as needed.

35.31 PROPERTY CLEARANCES

Notify property tenants in person of drilling and field activities, if applicable. Written notification to property owners/tenants is the responsibility of the COUNTY'S Project Manager, with assistance provided by the Design Team.

35.33 COORDINATION OF FIELD WORK

Coordinate all field work required to provide geotechnical data for the project.

35.34 SOIL AND ROCK CLASSIFICATION – STRUCTURES

Soil profiles recorded in the field should be refined based on the results of laboratory testing.

35.35 TABULATION OF LABORATORY DATA

Laboratory test results should be tabulated for inclusion in the geotechnical report and for the necessary calculations and analyses.

35.43 DESIGN SOIL PARAMETERS FOR SIGNS, SIGNALS, HIGH MAST LIGHTS, AND STRAIN POLES AND GEOTECHNICAL RECOMMENDATIONS

- Provide the design soil profile(s) that include the soil model/type of each layer and all soil properties required by the Engineer of Record for foundation design. Review design for geotechnical compatibility and constructability.

35.47 FINAL REPORTS – SIGNALS, WALLS, AND LIGHTS

The final reports shall include the following:

- Copies of U.S.G.S. and S.C.S. maps with project limits shown.
- Summary of structure background data, S.C.S., U.S.G.S., geologic and potentiometric data.
- The results of all tasks discussed in all previous sections regarding data interpretation and analysis.
- Recommendations for foundation installation, or other site preparation, soils-related construction considerations, with plan sheets as necessary.
- Any special provisions required for construction that are not addressed in the COUNTY'S Standard specification.
- An Appendix which includes SPT and CPT boring/sounding profiles, data from any specialized field tests, engineering analysis, notes/sample calculations, sheets showing ultimate bearing capacity curves versus elevation for piles and drilled shafts, a complete FHWA checklist, pile driving records (if available), and any other pertinent information.

Final reports will incorporate comments from the COUNTY and contain any additional field or laboratory test results, recommended foundation alternatives, along with design parameters and special provisions for the contract plans.

- All original plan sheets (11" x 17")
- One set of all plan and specification documents, in electronic format, according to COUNTY requirements
- Two (2) sets of record prints
- Six (6) sets of any special provisions

- All reference and support documentation used in preparation of the contract plans package

The final reports, special provisions, as well as record prints, will be signed and sealed by a Professional Engineer licensed in the State of Florida.

Draft the detailed boring/sounding standard sheet, including environmental classification, results of laboratory testing, and specialized construction requirements, for inclusion in final plans.

35.48 SPT BORING DRAFTING

Prepare a complete set of drawings to include all SPT borings, auger borings, and other pertinent soils information in the plans. Include these drawings in the Final Geotechnical Report. Draft borings, location map, S.C.S. map, and U.S.D.A. map as directed by the County. Soil symbols must be consistent with those presented in the latest Florida Department of Transportation Soils and Foundations Handbook.

35.51 FIELD REVIEWS

Identify and note surface soil and rock conditions, surface water conditions and locations, and preliminary utility conflicts. Observe and note nearby structures and foundation types.

35.52 TECHNICAL MEETINGS

35.53 QUALITY ASSURANCE/QUALITY CONTROL

35.54 SUPERVISION

35.55 COORDINATION

END OF EXHIBIT "A-2"



Exhibit A-3

Scope of Services for

Barclay Avenue (CR 585) Roadway Improvements from Powell Road to Lucky Lane

POTABLE WATER DESIGN SERVICES

Project No. 25-RFQ01076/FH

Commission District: 3

April 2026

Table of Contents

1.0	TASK 1 - PROJECT MANAGEMENT, MEETINGS, AND QUALITY ASSURANCE	A-3
2.0	TASK 2 - DESIGN DEVELOPMENT	A-4
3.0	TASK 3 - REGULATORY PERMITTING	A-5
4.0	TASK 4 - SUBSURFACE UTILITY ENGINEERING (WGI)	A-5
5.0	TASK 5 - CONTRACT DOCUMENTS	A-6

Exhibit "A-3" forms an integral part of the agreement between Hernando County (hereinafter referred to as the COUNTY) and Ayres Associates Inc. (hereinafter referred to as the CONSULTANT) relative to the transportation facilities described as follows:

Description: Barclay Avenue (CR 585) Roadway Improvements from Powell Road to Lucky Lane - Potable Water Design Services

PROJECT DESCRIPTION

The COUNTY is requesting a potable water main design for the preparation of construction documents consisting of plans and bid forms for a 3.05-mile section of Barclay Avenue and associated improvements, from Powell Road to Lucky Lane, connecting into the completed design at Lucky Lane.

Potable water main design services will follow the COUNTY Utilities Department (HCUD) specifications and will include a 12" potable water main on the west side of Barclay Avenue from Lucky Lane south to Highgrove Road, a 12"x16" reducer, a 16" potable water main on the west side of Barclay Avenue from Highgrove Road to Astaire Lane, including an 8" crossing at Silverthorn Boulevard tying into an existing 6" blow-off assembly. HCUD requests a 5' corridor on the east side of Barclay Avenue, as well as a 5' corridor on the west side from Astaire Lane south to Powell/Elgin for a future sanitary force main installation. Private development has extended the existing 16" water main approximately 900 LF north of Astaire Lane.

The following Scope of Services are offered to meet the utility design project intent:

1.0 TASK 1 - PROJECT MANAGEMENT, MEETINGS, AND QUALITY ASSURANCE

The CONSULTANT will perform the following Services as part of Task 1:

- Utility Project Management Services: The CONSULTANT will perform project management activities to include staffing, schedule management, budget management, and invoicing. This effort will include coordination with regulatory agencies, Utility Agency/Owners (UA/Os), as well as the COUNTY Utilities Department (HCUD) representatives.
- Monthly Status Reports: The CONSULTANT will prepare a monthly status report and review the report with HCUD at the Monthly Status Meeting.
- Monthly Status Meetings: The CONSULTANT will attend one (1) monthly status meeting with HCUD via Teams to provide information regarding the status of the project. The meetings will be limited to a maximum of eighteen (18) meetings.
- Quality Assurance/Quality Control Management: The CONSULTANT will perform quality assurance and quality control (QA/QC) reviews for the project. The QA/QC professionals will be staff not routinely engaged in the project design and permitting activities. The QA/QC team will complete a review at the 60%, 90%, and 100% plan phases of the project, prior to submittal to the HCUD.

Deliverables:

- Meeting minutes and quality assurance documentation will be provided electronically in PDF format.

2.0 TASK 2 - DESIGN DEVELOPMENT

The CONSULTANT will prepare construction drawings of the proposed potable water main and issue phased design submittals to the HCUD for review and comment. The CONSULTANT will prepare a preliminary plan set (30% design) depicting the proposed horizontal disposition of the potable water transmission main prior to the 60% design submittal. The CONSULTANT will prepare construction drawings and issue to the HCUD for review at the 60%, 90%, and 100% plan phases. The construction drawings will be developed in accordance with HCUD's Water, Reclaimed Water, and Wastewater Construction Specifications Manual, Florida Administrative Code, and the FDOT Utility Accommodation Manual.

The potable water main improvements construction drawings will be prepared in general accordance with the listing below:

- Potable Water Notes and Legend
- Potable Water Plan Quantities
- Potable Water Plan Sheets
- Potable Water Profile Sheets
- Utility Cross-sections
- Special Details
- Standard Details

Development of the potable water main improvements construction drawings will be coordinated with the HCUD staff, the proposed pipeline alignment confirmed, and comments received during the phased submittals will be incorporated into subsequent submissions.

The CONSULTANT will attend in-person review meetings with the HCUD at the 60%, 90% and 100% design phases. The design phase review documents and review schedule is presented below:

- Traditional 2D draft construction documents (plans, elevations, sections, and details) will be prepared for HCUD review. HCUD will distribute the deliverable items to the appropriate HCUD project team members and will allow a ten (10) working day review period from date of delivery of submittal information to HCUD by the CONSULTANT. HCUD will compile electronic comments and submit them to CONSULTANT for review and incorporation into the project documents.
- Provide written responses to HCUD comments within ten (10) working days regarding the appropriate disposition for each comment. Comment disposition will be reviewed and coordinated with HCUD.
- Prepare and distribute a written summary of the review meeting minutes and decisions rendered within five (5) working days to meeting attendees. The approved written summary will serve as the basis for proceeding with the next design milestone.

Deliverables:

- The final construction drawings will be presented on 22"x34" plan sheets, will be provided electronically, and will be signed and sealed by a Professional Engineer licensed in the State of Florida.
- An estimate of probable construction costs (EOPCC) for the potable water main improvements will be prepared and included with each phased submittal.

3.0 TASK 3 - REGULATORY PERMITTING

The CONSULTANT will attend pre-application meetings with agencies having permitting authority over the potable water main improvements project prior to the 60% submittal of the overall project, perform regulatory coordination both during the design phase and after permit submittal, and prepare permit applications with the following Agencies:

- Florida Department of Environmental Protection (FDEP)

Permit applications, engineering calculations, and associated permit exhibits will be prepared and submitted to the regulatory agencies. Responses to Requests for Information (RFI's) will be provided and permit applications, permit drawings, and permit exhibits will be updated to accommodate comments received during regulatory review.

Deliverables:

- The final permit applications and associated supporting documents will be provided electronically in PDF format.

4.0 TASK 4 - SUBSURFACE UTILITY ENGINEERING (WGI)

The SUBCONSULTANT (WGI) will perform the following Services as part of Task 4.

A subsurface utility engineering (SUE) investigation will be performed by utilizing a combination of electromagnetic locating, ground penetrating radar (GPR), and vacuum excavation. A Sunshine 811 design ticket will be acquired to identify the existing UA/Os within the project area.

Prior to mobilizing for field work, Ayres will provide HCUD with at least ten (10) days' notice so HCUD can locate and mark its facilities. Ayres will coordinate with HCUD to confirm that all utility markings (flags, stakes, and paint) are current and clearly visible at the time of data collection to support accurate location information.

The following services will be provided:

- Ascertain a Sunshine 811 design ticket identifying the UA/Os along the project corridor.
- Perform electromagnetic locating (Florida Department of Transportation (FDOT) quality level B) on metallic utilities and utilities with tracer wire at critical locations within the project corridor.
- Perform vacuum excavations (FDOT quality level A) at fifteen (15) soft-surface point locations to a maximum depth of eight (8) feet. The vacuum excavations will be focused on tie-in locations and at critical conflict points.
- Utilize Ground Penetrating Radar (GPR) as necessary to determine the disposition of underground infrastructure not identified by electromagnetic or vacuum excavation efforts.

Deliverables:

- The disposition of underground utilities will be marked in the field as part of the SUE investigation and the markings will be identified on the survey.
- The results of the SUE investigation will be included in the potable water main improvements construction drawings, and a summary of the Level A locates will be provided in PDF format.

5.0 TASK 5 - CONTRACT DOCUMENTS

The CONSULTANT will review the COUNTY'S General Conditions and Supplemental Conditions. The CONSULTANT will furnish the Bid Proposal forms to be included in the Contract Documents. The COUNTY will complete the remainder of the Contract Documents and incorporate the items furnished by the CONSULTANT.

The CONSULTANT will submit draft and final versions of the Special Provisions at the 90% and 100% potable water main improvements review submittals, respectively.

Deliverables for 90% Submittal:

- 90% Design drawings (PDF)
- Updated comments log (PDF)
- Utility Conflict Matrix (PDF)

Deliverables for 100% Submittal:

- 100% digitally signed and sealed set of design documents comprising of drawings with previous review comments incorporated.
- The final design submittal consolidated comments log.



Exhibit A-4

Scope of Services for

Barclay Avenue (CR 585) Roadway Improvements from Powell Road to Lucky Lane

POST DESIGN SERVICES

Project No. 25-RFQ01076/FH

Commission District: 3

April 2026

Table of Contents

1.0	SCOPE OF SERVICES – PURPOSE	A-3
2.0	PROJECT DESCRIPTION AND OBJECTIVES	A-3
3.0	PROJECT COMMON AND PROJECT GENERAL TASKS	A-5
3.8	POST DESIGN SERVICES	A-5

Exhibit "A-4" forms an integral part of the agreement between Hernando County (hereinafter referred to as the COUNTY) and Ayres Associates Inc (hereinafter referred to as the CONSULTANT) relative to the transportation facilities described as follows:

Description: Barclay Avenue (CR 585) Roadway Improvements from Powell Road to Lucky Lane

Post Design Services

1.0 SCOPE OF SERVICES

1.1 PURPOSE

The purpose of this exhibit is to describe the services and the responsibilities of the CONSULTANT and the COUNTY in connection with the post design services of the roadway improvements, environmental assessments, drainage design, structural design and traffic operations design for the identified transportation facilities. Services will be provided to assist the COUNTY during the construction phase at the direction of the COUNTY.

2.0 PROJECT DESCRIPTION AND OBJECTIVES

Roadway Design services include improvements to a 3.05-mile section of Barclay Avenue from Powell Road to north of Lucky Lane, connecting into the completed design north of Lucky Lane. The typical section will consist of reconstruction from an existing two-lane road to a four-lane divided urban roadway with a 22' raised median, 12' travel lanes, curb & gutter, bike lanes, sidewalks, traffic noise abatement, driveways, underground drainage system, stormwater management facility, intersection improvements, maintenance of traffic, signage & pavement markings, and signalization.

3.0 PROJECT COMMON AND PROJECT GENERAL TASKS

The CONSULTANT will perform project management and administrative tasks throughout the project's duration. These tasks include team and technical management, schedule monitoring and resource allocation management, and financial and progress reporting, and are applicable to all post design activities.

Supervision: The CONSULTANT shall supervise all technical design activities.

Coordination: The CONSULTANT shall coordinate with all disciplines of the project.

3.8 POST DESIGN SERVICES

3.8.1 SCHEDULED MEETINGS

The CONSULTANT will actively support the COUNTY in attending meetings, which may be conducted during weekends or after normal working hours, to assist with construction. The CONSULTANT will support the COUNTY in preparation, scheduling, attendance, note-taking, documentation, and follow-up services for the meeting.

At the COUNTY'S request, the CONSULTANT shall attend pre-construction conferences, progress meetings, and requested onsite field meetings.

3.8.2 BIDDING ASSISTANCE

The CONSULTANT shall provide bidding assistance, with responding to the contactor questioning, bid analysis, and any other additional review during the bidding process.

3.8.3 REVIEW OF SHOP DRAWINGS

The CONSULTANT shall be responsible for reviewing construction shop drawings and RFIs. Shop drawing reviews shall be performed within ten (10) business days of receipt. The process for shop drawing reviews will be defined during the pre-construction meeting.

3.8.4 PLAN REVISIONS

At the COUNTY'S request, the CONSULTANT shall prepare construction documents in support of plan revisions.

3.8.5 ENGINEERING ASSISTANCE

The CONSULTANT shall provide the COUNTY with qualified representation during the construction phase to deal with issues concerning the intent and interpretation of the construction contract plans and documents prepared for the work. Should conditions be encountered in the field and when requested by the COUNTY, the CONSULTANT shall respond in a timely manner with suitable engineering solutions that consider the changed conditions. From time to time during construction, the CONSULTANT may be requested by the COUNTY or its designated representative to review contractor-proposed field changes or to respond with a recommended solution to remedy field situations not covered by the plans and specifications.

3.8.6 AGENCY CERTIFICATIONS

The CONSULTANT shall provide a signed and sealed written verification confirming grades and elevations of stormwater management berms and control structures necessary to make certification to SWFWMD and any other permitting agencies. Verification is predicated on on-site inspection and the Contractor's signed and sealed as-built information confirming construction within regulatory agency tolerances for acceptance. Prepare and submit certification of completion to SWFWMD.

3.8.7 SUBSTANTIAL COMPLETION INSPECTION WITH THE COUNTY

The CONSULTANT shall conduct an inspection with the COUNTY, issue recommendations in writing regarding the acceptability of the substantially completed facility, and prepare a review list of items (punch list) for correction or completion.

3.8.8 FINAL INSPECTION WITH THE COUNTY

The CONSULTANT shall conduct the final inspection(s) to verify that the "punch list" items are satisfactorily completed and, if appropriate, issue a certificate of completion that recommends final payment.

3.8.9 CONTRACT MAINTENANCE

The CONSULTANT shall provide additional project management efforts regarding developing and reviewing invoices (if requested) and/or monthly production/progress reports in support of Post Design Services.

3.8.10 GOPHER TORTOISE (GT) PERMITTING and RELOCATION

The CONSULTANT will prepare and submit a GT permit application to FWC assuming the relocation will be to a long-term protected recipient site requiring a reservation letter confirmation.

The CONSULTANT will provide a FWC authorized GT Agent to supervise excavations to extract tortoises from potentially occupied burrows. Prior to any excavations, underground utility clearances will be requested through Sunshine 811.

FWC guidelines will be followed during the capture, relocation, and post relocation reporting including the preparation and submittal of the interim and final After-Action Report.

Bucket trapping is not included, and no permit renewals are anticipated.

3.8.11 UTILITY POST DESIGN SERVICES

Meeting Attendance: The CONSULTANT will actively support the COUNTY in attending meetings to assist with construction. The CONSULTANT will support the COUNTY in preparation, scheduling, attendance, note-taking, documentation, and follow-up services for the meeting. At the COUNTY'S request, the CONSULTANT shall attend one (1) pre-construction conference, twenty-four (24) monthly progress meetings, and up to six (6) requested onsite field meetings.

Bidding Assistance: The CONSULTANT shall provide bidding assistance, with responding to the contactor questioning, bid analysis, and any other additional review during the bidding process.

Review Of Shop Drawings: The CONSULTANT shall be responsible for reviewing construction shop drawings and RFIs. Shop drawing reviews shall be performed within ten (10) business days of receipt. The process for shop drawing reviews will be defined during the pre-construction meeting.

Plan Revisions: At the COUNTY'S request, the CONSULTANT shall prepare construction documents in support of plan revisions.

Engineering Assistance: The CONSULTANT shall provide to the COUNTY qualified representatives during the construction phase to deal with issues concerning the intent and interpretation of the construction contract plans and documents prepared for the work. Should conditions be encountered in the field and when requested by the COUNTY, the CONSULTANT shall respond in a timely manner with suitable engineering solutions that consider the changed conditions. From time to time during construction, the CONSULTANT may be requested by the COUNTY or its designated representative to review contractor-proposed field changes or to respond with a recommended solution to remedy field situations not covered by the plans and specifications.

Agency Certifications: The CONSULTANT shall provide a signed and sealed written verification confirming the necessary information to make certification to FDEP. Verification is predicated on on-site inspection and the Contractor's signed and sealed as-built information confirming construction within regulatory agency tolerances for acceptance. Prepare and submit certification of completion to FDEP and the DOH. The CONSULTANT shall also prepare and submit two (2) sets of 22"x34" signed and sealed Record Drawings and one (1) AutoCAD & PDF (signed and sealed) thumb drive and associated water/wastewater clearance form to FDEP.

Substantial Completion Inspection With the COUNTY: The CONSULTANT shall conduct an inspection with the COUNTY, issue recommendations in writing regarding the acceptability of the substantially completed facility, and prepare a review list of items (punch list) for correction or completion.

Final Inspection With the COUNTY: The CONSULTANT shall conduct the final inspection(s) to verify that the "punch list" items are satisfactorily completed and, if appropriate, issue a certificate of completion that recommends final payment.

Contract Maintenance: The CONSULTANT shall provide additional project management efforts regarding developing and reviewing invoices (if requested) and/or monthly production/progress reports in support of Post Design Services.

END OF EXHIBIT "A-

Hernando County

Barclay Avenue (CR 585) Roadway Improvements

Summary of Fees	
Exh B-1 ROW	\$ 1,945,727.72
Exh B-2 Roadway	\$ 3,465,912.60
Exh B-3 Utilities	\$ 409,740.90
Exh B-4 Post Design (\$235,982 Utilities) (\$356,917.36 Public Works)	\$ 592,899.36
TOTAL	\$ 6,414,280.58

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Barclay Rd. Widening
 County: Hernando
 FPN:
 FAP No.:

Consultant Name: WGI
 Consultant No.: enter consultants proj. number
 Date: 3/6/2026
 Estimator: Lynn Zolezzi

Staff Classification	Total Staff Hours From "SH Summary Firm"	WGI Chief Planner	WGI Planner Home	FLAA Project	FLAA R/W Agent	FLAA R/W Agent	FLAA Admin.	Appraiser of Record	Associate Appraiser	Research Assistant	General Contractor	Cost to Cure Engineer	Em. Domain Attorney	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$239.38	\$108.63	\$195.27	\$168.33	\$141.40	\$97.63	\$175.00	\$150.00	\$100.00	\$150.00	\$260.00	\$400.00			
Right of Way Acquisition Services																
WGI																
Project Management -WGI	0	350	0	0	0	0	0	0	0	0	0	0	0	350	\$83,783	\$239.38
Design Team Support	0	120	20	0	0	0	0	0	0	0	0	0	0	140	\$30,898	\$220.70
QC Document Reviews & Appraisal Reviews	0	150	0	0	0	0	0	0	0	0	0	0	0	150	\$35,907	\$239.38
Acquisitions/Appraisals & Negotiations Support	0	350	70	0	0	0	0	0	0	0	0	0	0	420	\$91,387	\$217.59
ROW Survey (Field/Office Support) & Mapping														1,645	\$299,869	\$182.29
Survey (Field) 4-person crew														52	\$154,018	\$2,961.89
															\$695,863	
FLAA																
Advanced Acquisitions - Broker Price Estimates	0	0	0	452	452	400	430	0	0	0	0	0	0	1,734	\$262,888	\$151.61
Standard Acquisitions-Offer Ltrs - Negotiations	0	0	0	452	452	410	416	0	0	0	0	0	0	1,730	\$262,935	\$151.99
Agreement -Contract-Releases-Closings	0	0		452	452	410	410	0	0	0	0	0	0	1,724	\$262,350	\$152.17
No Agreement- Document to CountyAttorney	0	0	0	0	0	60	24	0	0	0	0	0	0	84	\$10,827	\$128.89
FLAA Fees billed hourly (not to exceed)	0	0														
															\$799,000	
APPRAISAL TEAM																
Appraiser (21 appraisals)	0	0	0	0	0	0	0	302	303	302	0	0	0	907	\$128,500	\$141.68
General Contractor -Appraisal Support (21 reports)	0	0		0	0	0	0	0	0	0	277	0	0	277	\$41,550	\$150.00
Cost to Cure Engineer - Appraisal Support (20 reports)	0	0	0	0	0	0	0	0	0	0	0	464	0	464	\$120,640	\$260.00
															\$290,690	
ON CALL EMINENT DOMAIN ATTORNEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Eminent Domain Attorney - As Needed Basis	0	0	0	0	0	0	0	0	0	0	0	0	125	125	\$50,000	\$400.00
Billed Hourly (not ot exceed)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
															\$50,000	
Contingencies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
APPRAISAL TEAM - 10 MORE APPRAISAL	0	0	0	0	0	0	0	160	160	130	120	0	0	570	\$83,000	\$145.61
Estimated that 50% of properties with settle during																
Advanced Acquisitions. Properties which do not																
settle will require appraisals.																
EXPENSES																
Recording & E-closings - \$4,125																
See scope for fee breakdown																
Title searches -\$23,050																
See scope for fee breakdown																
Total Staff Hours	0	970	90	1,356	1,356	1,280	1,280	462	463	432	397	464	125	10,372		
Total Staff Cost		\$232,198.60	\$9,776.70	\$264,786.12	\$228,255.48	\$180,992.00	\$124,966.40	\$80,850.00	\$69,450.00	\$43,200.00	\$59,550.00	\$120,640.00	\$50,000.00		\$1,918,552.72	\$184.97

Check = \$1,464,665.30

SALARY RELATED COSTS:				\$1,918,552.72
SUBTOTAL ESTIMATED FEE:				\$1,918,552.72
Recording & E-closing fees (56 properties)				\$4,125.00
Title Searches (48) + Title Search Updates				\$23,050.00
SUBTOTAL ESTIMATED FEE:				\$1,945,727.72
Optional Services				\$0.00
GRAND TOTAL ESTIMATED FEE:				\$1,945,727.72

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Barclay Avenue (CR 585) Roadway Improvements from Powell Road to Lucky Lane
 County: Hernando
 FPN: 25-RFQ01076/FH
 FAP No.: N/A

Consultant Name: AYRES / WGI / CONSOR / Tierra
 Consultant No.:
 Date: 4/15/2026
 Estimator: Jeffrey Siewert

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Principal-in-Charge	Sr. Project Manager	Sr. Engineer	Project Engineer	Engineer Intern	Utility Coordination Manager	Sr. Designer	Sr. Surveyor	Surveyor	Survey Crew Chief	Surveyor Instrument Operator	CEI Inspector	Secretary / Clerical	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$339.04	\$293.31	\$287.79	\$228.94	\$159.07	\$175.62	\$172.13	\$236.13	\$174.37	\$143.22	\$122.50	\$145.10	\$127.57			
3. Project Common and Project General Tasks	1,048	21	608	157	0	0	105	52	0	0	0	0	0	105	1,048	\$271,421	\$258.99
4. Roadway Analysis	2,003	0	200	1,202	401	0	0	200	0	0	0	0	0	0	2,003	\$530,817	\$265.01
5. Roadway Plans	1,225	0	61	245	245	61	61	551	0	0	0	0	0	0	1,224	\$259,750	\$212.21
6a. Drainage Analysis	471	0	24	236	141	0	0	71	0	0	0	0	0	0	472	\$119,460	\$253.09
6b. Drainage Plans	28	0	1	3	0	0	0	24	0	0	0	0	0	0	28	\$5,288	\$188.85
7. Utilities	218	0	11	0	0	0	174	33	0	0	0	0	0	0	218	\$39,465	\$181.03
8. Environmental Permits, and Env. Clearances	92	0	5	74	0	0	0	14	0	0	0	0	0	0	93	\$25,173	\$270.68
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	60	1	6	35	12	0	0	6	0	0	0	0	0	0	60	\$15,952	\$265.86
18. Structures - Miscellaneous	540	5	27	130	108	27	0	243	0	0	0	0	0	0	540	\$117,875	\$218.29
19. Signing & Pavement Marking Analysis	329	0	33	197	66	0	0	33	0	0	0	0	0	0	329	\$87,164	\$264.94
20. Signing & Pavement Marking Plans	207	0	10	41	41	10	10	93	0	0	0	0	0	0	205	\$43,474	\$212.07
21. Signalization Analysis	444	0	44	266	89	0	0	44	0	0	0	0	0	0	443	\$117,407	\$265.03
22. Signalization Plans	80	0	4	16	16	4	4	36	0	0	0	0	0	0	80	\$16,976	\$212.20
23. Lighting Analysis	206	0	21	124	41	0	0	21	0	0	0	0	0	0	207	\$54,847	\$264.96
24. Lighting Plans	101	0	5	20	20	5	5	45	0	0	0	0	0	0	100	\$21,220	\$212.20
27. Survey (Field & Office Support)	354	0	0	0	0	0	0	0	25	117	213	0	0	0	355	\$56,810	\$160.03
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	44	0	9	18	0	0	0	18	0	0	0	0	0	0	45	\$10,918	\$242.63
Total Staff Hours	7,450	27	1,069	2,764	1,180	107	359	1,484	25		213	0	0	105	7,450		
Total Staff Cost		\$9,154.08	\$313,548.39	\$795,451.56	\$270,149.20	\$17,020.49	\$63,047.58	\$255,440.92	\$5,903.25		\$30,505.86	\$0.00	\$0.00	\$13,394.85		\$1,794,017.47	\$240.81

Check = \$1,773,616.18

Notes:

Task 3.11.1 reduced due to less light poles for FAA permit (83 hrs to 58)
 Task 23.8 reduced due to less light poles - quantities (78 hrs to 32)
 Task 24.3 reduced due to less light poles - pole data (21 hrs to 12 hrs)
 WGI SUE reduced due to less light poles (250 to 158)

Net reduction \$100,032.03

SALARY RELATED COSTS:				
Survey (Field - if by Prime)	36	4-person crew days @	\$ - / day	\$0.00
SUBTOTAL ESTIMATED FEE:				\$1,794,017.47
Subconsultant: Quality Counts				\$10,800.00
Subconsultant: Consor		Public Involvement		\$74,361.00
		Drainage Analysis/Plans		\$684,473.00
		TTCP Analysis/Plans		\$97,543.00
		Noise Study		\$171,371.00
Subconsultant: WGI		Survey		\$113,173.22
		GT Environmental		\$14,337.88
		SUE		\$168,048.90
Subconsultant: Tierra				\$337,787.13
				\$0.00
				\$0.00
SUBTOTAL ESTIMATED FEE:				\$3,465,912.60
Geotechnical Field and Lab Testing				\$0.00
SUBTOTAL ESTIMATED FEE:				\$3,465,912.60
Optional Services				\$0.00
GRAND TOTAL ESTIMATED FEE:				\$3,465,912.60

Hernando County - Barclay Avenue Potable Water Improvements
Fee Estimate (Potable Water Design Services)



TASK		Total Direct Labor											Total
		Classification	Principal-in-Charge	Senior Project Manager	Project Manager	Senior Engineer	Project Engineer	Engineering Intern	Utility Coordination Manager	Senior Designer	Designer	Secretary/Clerical	
Rates	\$339.04	\$293.31	\$247.70	\$287.79	\$228.94	\$159.07	\$175.62	\$172.13	\$126.78	\$127.57			
1.0	Project Management, Meetings, QA/QC		0	48	95	40	24	24	24	0	0	40	\$67,751.90
2.0	Design Development		0	24	60	120	240	300	80	240	600	0	\$290,531.64
3.0	Regulatory Permitting		0	8	16	0	8	0	8	0	8	8	\$11,580.96
4.0	Subsurface Utility Engineering (SUE) [WGI]		-	-	-	-	-	-	-	-	-	-	-
5.0	Specifications and Contract Documents		0	16	24	8	4	0	0	0	0	8	\$14,876.40

Sub Total\$384,740.90

* assumptions: 18 month duration, 78 weeks

Subsurface Utility Engineering

Level A - 15 test holes\$20,000.00

Level B - 15 locations max\$5,000.00

23 plan sheets, 23 profile sheets, 1 TOQ, 1 Notes, 2 Special Details, 6 Details56 total sheets

*exclusions: Survey, Geotech

TOTAL\$409,740.90

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Barclay Avenue (CR 585) Roadway Improvements from Powell Road to Lucky Lane
 County: Hernando
 FPN: 25-RFQ01076/FH
 FAP No.: N/A

Consultant Name: AYRES / WGI / CONSOR / Tierra
 Consultant No.:
 Date: 4/15/2026
 Estimator: Jeffrey Siewert

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Principal-in-Charge	Sr. Project Manager	Sr. Engineer	Project Engineer	Engineer Intern	Utility Coordination Manager	Sr. Designer	Sr. Surveyor	Survey Crew Chief	Surveyor Instrument Operator	CEI Inspector	Secretary / Clerical	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project Common and Project General Tasks	458	9	266	69	0	0	69	0	0	0	0	0	46	459	\$118,915	\$259.07
3.8 Post Design Services																
3.8.1 Scheduled Meetings	186	0	37	0	0	0	9	0	0	0	0	130	9	185	\$32,444	\$175.37
3.8.2 Bidding Assistance	88	0	26	26	0	0	0	0	0	0	0	35	0	87	\$20,187	\$232.04
3.8.3 Review of Shop Drawings	240	0	24	96	24	0	0	0	0	0	0	96	0	240	\$54,091	\$225.38
3.8.4 Plan Revisions	100	0	10	40	20	0	0	30	0	0	0	0	0	100	\$24,187	\$241.87
3.8.5 Engineering Assistance	52	0	8	16	10	0	0	18	0	0	0	0	0	52	\$12,339	\$237.29
3.8.6 Agency Certifications	54	0	5	11	3	0	0	19	0	0	0	16	0	54	\$10,911	\$202.06
3.8.7 Substantial Completion Inspection with Hernando	28	0	4	7	0	0	0	6	0	0	0	11	0	28	\$5,817	\$207.74
3.8.8 Final Inspection with Hernando County	20	0	3	5	0	0	0	4	0	0	0	8	0	20	\$4,168	\$208.41
3.8.9 Contract Maintenance	96	0	19	10	0	0	19	0	0	0	0	48	0	96	\$18,752	\$195.34
3.8.10 GT Coordination	20	0	3	1								14	0	18	\$3,199	\$177.73
3.8.11 Utility Post Design Services		0	262	224	58	0	0	188	0	0	0	330	9	1,071	\$235,982	\$220.34
Total Staff Hours	1,342	9	667	505	115	0	97	265	0	0	0	688	64	2,410		
Total Staff Cost		\$3,051.36	\$195,637.77	\$145,333.95	\$26,328.10	\$0.00	\$17,035.14	\$45,614.45	\$0.00	\$0.00	\$0.00	\$99,828.80	\$8,164.48		\$540,994.05	\$224.48
Check = \$540,994.05																
Notes:											SALARY RELATED COSTS:					
Task 3.8.6 Reduced 600 hrs due to eliminating the need for Record Drawings											SUBTOTAL ESTIMATED FEE:					
Net Reduceion (W/O Utilities) \$121,27.00											SUBTOTAL ESTIMATED FEE:					
											Gopher Tortoise Permitting / Relocation					
											SUBTOTAL ESTIMATED FEE:					
											Backhoe w/Operator \$2500/day @ 5 days					
											GRAND TOTAL ESTIMATED FEE:					



FIRM NAME: Ayres Associates

Hernando County

Barclay Avenue (CR 585) Roadway

Improvements from Powell Road to

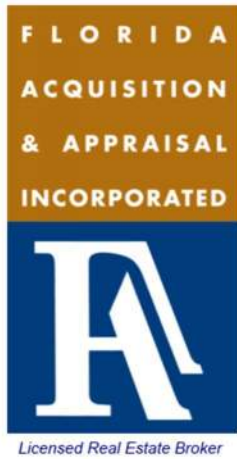
PROJECT NAME: Lucky Lane Design

Standard Hourly Rates

Job Classification	Standard Hourly Rate
Principal-in-Charge	\$ 339.04
Sr. Project Manager	\$ 293.31
Project Manager	\$ 247.70
Sr. Engineer	\$ 287.79
Project Engineer	\$ 228.94
Engineering Intern	\$ 159.07
Utility Coordination Manager	\$ 175.62
Sr. Designer	\$ 172.13
Designer	\$ 126.78
Landscape Architect	\$ 177.61
Sr. Surveyor	\$ 236.13
Surveyor	\$ 174.37
Survey Crew Chief	\$ 143.22
Survey Instrument Operator	\$ 122.50
CEI Inspector	\$ 145.10
Secretary/Clerical	\$ 127.57

LOADED CONTRACT RATE SCHEDULE
Conсор North America, Inc.
Hernando County - Barclay Road from Powell Road to Lucky Lane

Job Classification	Loaded Contract Rate
Principal Engineer	\$412
Chief Engineer	\$362
Project Manager	\$238
Senior Engineer	\$238
Engineer 1	\$167
Engineering Intern	\$141
Senior Designer	\$211
Senior Planner	\$236
Planner	\$108
Administrative Support	\$131



Classification	Loaded Hourly Rate
Project Manager	\$ 195.27
Senior R/W Agent	\$ 168.33
Right of Way Agent	\$ 141.40
Administrative Asst.	\$ 97.63

ENGINEERING AND TECHNICAL SERVICES		Proposed Loaded Rates
Chief Engineer 2	Hour	\$298.28
Chief Scientist	Hour	\$215.26
Engineer 1	Hour	\$178.64
Engineer 2	Hour	\$194.34
Engineering Intern	Hour	\$142.98
Engineering Technician	Hour	\$113.53
Principal Engineer	Hour	\$296.75
Secretary/Clerical	Hour	\$139.11
Senior Designer	Hour	\$159.90
Senior Engineer 1	Hour	\$292.14
Senior Engineer 2	Hour	\$236.78
Senior Engineering Technician	Hour	\$146.63

Item Description	Unit	Unit Price
101-Aggregate Carbonates & Organic Matter FM 5-514	Test	\$ 179.00
102-Aggregate Org. Impurities S& for Concrete AASHTO T21	Test	\$ 89.00
103-Aggregate Shell Content of Coarse Aggregate FM 5-555	Test	\$ 126.00
104-Aggregate Sieve Anlsys of Fine & Coarse AASHTO T27	Test	\$ 94.50
105-Aggregate Soundness AASHTO T104	Test	\$ 385.00
106-Aggregate Specific Gravity/Absorption Coarse AASHTO T85	Test	\$ 115.50
107-Aggregate Total Moisture Content by Drying AASHTO T255	Test	\$ 68.50
108-Aggregate Unit Mass & Voids AASHTO T19	Test	\$ 82.00
109-Aggregate Specific Gravity/Absorption Fine AASHTO T84	Test	\$ 150.00
200-Asphalt Bulk Specific Gravity FM 1-T166	Test	\$ 78.50
201-Asphalt Content FM 5-563	Test	\$ 170.00
204-Asphalt Gradation FM 1-T030	Test	\$ 111.00
206-Asphalt Los Angeles (LA) Abrasion Coarse Agg FM 3-C535	Test	\$ 470.00
207-Asphalt Los Angeles (LA) Abrasion Small Agg FM 1-T096	Test	\$ 373.00
209-Asphalt Pavement Coring – 4" dia with Base Depth Check	Each	\$ 275.00
210-Asphalt Pavement Coring – 4" dia without Base Depth Check	Each	\$ 227.00
211-Asphalt Pavement Coring – 6" dia with Base Depth Check	Each	\$ 345.00
212-Asphalt Pavement Coring – 6" dia without Base Depth Check	Each	\$ 270.00
300-Concrete Beam Flexural Testing ASTM C78	Test	\$ 66.35
301-Concrete Compressive Strength of Grout/Mortar ASTM C109	Test	\$ 39.00
302-Concrete Cylinder Curing, Capping & Breaking ASTM C39	Test	\$ 55.00
303-Concrete Drilled Cores & Sawed Beams ASTM C42	Test	\$ 74.50
305-Concrete Pavement Coring - 4" Dia	Each	\$ 280.00
306-Concrete Pavement Coring - 6" Dia	Each	\$ 310.00
401-Geo Auger Borings- Hand & Truck/Mud Bug	LF	\$ 15.75
402-Geo Auger Borings- Track	LF	\$ 19.80
403-Geo Backhoe (Owned)	Day	\$ 1,500.00
405-Geo Barge (Owned)	Day	\$ 4,200.00
406-Geo Barge Rental (Rental without labor)	Day	\$ 5,800.00
407-Geo Chainsaw (Owned)	Day	\$ 145.00
415-Geo Double Ring Infiltration ASTM D3385	Each	\$ 704.00
416-Geo Dozer (Owned)	Day	\$ 1,800.00
418-Geo Drill Crew Support Vehicle	Day	\$ 300.00
421-Geo Dynamic Pile Testing/Pile Driving Analyzer	Day	\$ 630.00
422-Geo Extra SPT Samples-Barge/Track/Amphibious 000-050 Ft	Each	\$ 115.00
423-Geo Extra SPT Samples-Barge/Track/Amphibious 050-100 Ft	Each	\$ 115.00
424-Geo Extra SPT Samples-Barge/Track/Amphibious 100-150 Ft	Each	\$ 135.00
425-Geo Extra SPT Samples-Barge/Track/Amphibious 150-200 Ft	Each	\$ 185.00
427-Geo Extra SPT Samples-Truck/Mud Bug 000-050 Ft	Each	\$ 115.00
428-Geo Extra SPT Samples-Truck/Mud Bug 050-100 Ft	Each	\$ 115.00
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	\$ 130.00
430-Geo Extra SPT Samples-Truck/Mud Bug 150-200 Ft	Each	\$ 130.00
432-Geo Field Permeability 0-10 Ft (Open - End Borehole Method)	Each	\$ 440.00
434-Geo Ground Penetrating Radar (GPR)	Hour	\$ 433.00

Item Description	Unit	Unit Price
435-Geo Grout Boreholes- Barge/Track/Amphibious 000-050 Ft	LF	\$ 11.70
436-Geo Grout Boreholes- Barge/Track/Amphibious 050-100 Ft	LF	\$ 13.60
437-Geo Grout Boreholes- Barge/Track/Amphibious 100-150 Ft	LF	\$ 18.90
438-Geo Grout Boreholes- Barge/Track/Amphibious 150-200 Ft	LF	\$ 27.00
440-Geo Grout Boreholes- Truck/Mud Bug 000-050 Ft	LF	\$ 8.05
441-Geo Grout Boreholes- Truck/Mud Bug 050-100 Ft	LF	\$ 9.95
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	\$ 14.70
443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	\$ 19.95
445-Geo Grouted Monitor Well 2" 000-050 Ft	LF	\$ 90.00
450-Geo Piezometer 2" 000-050 Ft	LF	\$ 55.00
453-Geo Rock Coring Barge/Track/Amphibious 000-050 Ft less than 4" ID	LF	\$ 78.80
455-Geo Rock Coring Barge/Track/Amphibious 050-100 Ft less than 4" ID	LF	\$ 88.00
457-Geo Rock Coring Barge/Track/Amphibious 100-150 Ft less than 4" ID	LF	\$ 98.00
459-Geo Rock Coring Barge/Track/Amphibious 150-200 Ft less than 4" ID	LF	\$ 116.30
463-Geo Rock Coring Truck/Mud Bug 000-050 Ft less than 4" ID	LF	\$ 55.00
465-Geo Rock Coring Truck/Mud Bug 050-100 Ft less than 4" ID	LF	\$ 62.10
467-Geo Rock Coring Truck/Mud Bug 100-150 Ft less than 4" ID	LF	\$ 71.45
473-Geo SPT Barge/Track/Amphibious 000-050 Ft	LF	\$ 39.00
474-Geo SPT Barge/Track/Amphibious 050-100 Ft	LF	\$ 38.30
475-Geo SPT Barge/Track/Amphibious 100-150 Ft	LF	\$ 58.25
476-Geo SPT Barge/Track/Amphibious 150-200 Ft	LF	\$ 78.45
478-Geo SPT Truck-Mud Bug 0-50 Ft	LF	\$ 19.50
479-Geo SPT Truck-Mud Bug 50-100 Ft	LF	\$ 22.20
480-Geo SPT Truck-Mud Bug 100-150 Ft	LF	\$ 38.30
481-Geo SPT Truck-Mud Bug 150-200 Ft	LF	\$ 50.50
483-Geo Temp Casing 3" Barge/Track/Amphibious 0-050 Ft	LF	\$ 17.75
484-Geo Temp Casing 3" Barge/Track/Amphibious 50-100 Ft	LF	\$ 22.30
485-Geo Temp Casing 3" Barge/Track/Amphibious 100-150 Ft	LF	\$ 28.45
486-Geo Temp Casing 3" Barge/Track/Amphibious 150-200 Ft	LF	\$ 35.30
488-Geo Temp Casing 3" Truck/Mud Bug 000-050 Ft	LF	\$ 12.75
489-Geo Temp Casing 3" Truck/Mud Bug 050-100 Ft	LF	\$ 16.60
490-Geo Temp Casing 3" Truck/Mud Bug 100-150 Ft	LF	\$ 20.25
491-Geo Temp Casing 3" Truck/Mud Bug 150-200 Ft	LF	\$ 24.45
514-Geo Truck/Mud Bug Mobil (30 miles straightline distance)	Each	\$ 840.00
515-Geo Undisturbed Samples Barge/Track/Amphibious 000-050 Ft	Each	\$ 315.00
516-Geo Undisturbed Samples Barge/Track/Amphibious 050-100 Ft	Each	\$ 355.00
517-Geo Undisturbed Samples Barge/Track/Amphibious 100-150 Ft	Each	\$ 445.00
518-Geo Undisturbed Samples Barge/Track/Amphibious 150-200 Ft	Each	\$ 530.00
519-Geo Undisturbed Samples Truck/Mud Bug 000-050 Ft	Each	\$ 225.00
520-Geo Undisturbed Samples Truck/Mud Bug 050-100 Ft	Each	\$ 250.00
521-Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	\$ 310.00
522-Geo Undisturbed Samples Truck/Mud Bug 150-200 Ft	Each	\$ 353.00
525-Geo Well Development	Hour	\$ 216.00
531-Geo Truck/Mudbug Drill Rig and Crew (2-person)	Hour	\$ 300.00
532-Geo Truck/Mudbug Drill Rig and Crew (3-person)	Hour	\$ 375.00

Item Description	Unit	Unit Price
533-Geo Track/Barge Drill Rig and Crew (2-person)	Hour	\$ 314.00
534-Geo Track/Barge Drill Rig and Crew (3-person)	Hour	\$ 505.00
535-Geo Clearing Equip- Tractor, Bush Hog Attachment	Day	\$ 1,950.00
536-Geo Clearing Equip-Skid Steer/ASV, ForestMulching Attach	Day	\$ 1,700.00
537-Geo Clearing Equip-Skid Steer/ASV, Brush Cutter Attach	Day	\$ 2,010.00
538-Geo Clearing Equipment	Day	\$ 2,510.00
539-Geo Wash Boring for Rock Cores 0-50 Ft	LF	\$ 14.00
540-Geo Wash Boring for Rock Cores 50-100 Ft	LF	\$ 16.25
541-Geo Wash Boring for Rock Cores 100-150 Ft	LF	\$ 24.00
542-Geo Wash Boring for Rock Cores 150-200 Ft	LF	\$ 27.25
602-Mobilization-Vibration Monitoring Equipment	Each	\$ 399.00
603-Mobilization Asphalt Coring Equipment	Each	\$ 515.00
604-Mobilization Barge Large	Each	\$ 15,400.00
606-Mobilization Concrete Coring	Each	\$ 510.00
608 Mobilization Drill Rig Amphibious	Each	\$ 12,600.00
609-Geo Mobilization Drill Rig Barge Mount	Each	\$ 13,000.00
610-Geo Mobilization Drill Rig Track Mount	Each	\$ 3,650.00
612-Geo Mobilization Drill Rig Truck Mount	Each	\$ 720.00
614-Geo Mobilization Mudbug/All Terrain Vehicle	Each	\$ 1,225.00
618-Geo Mobilization Support Boat	Each	\$ 670.00
619-Geo Mobilization Tri-Pod	Each	\$ 1,900.00
620-Mobilization of Clearing Equipment	Each	\$ 714.00
701-MOT Attenuator Truck	Hour	\$ 320.00
702-MOT Channelizing Devices - Type I, II, VP, Drum (each)	Each	\$ 5.95
706-MOT Portable Sign	Each	\$ 64.40
708-MOT Provide Channelizing Devices - Cone	Each	\$ 9.80
710-MOT Shadow Vhcle w/ Adv. Warning Arrow & Attenuator	Hour	\$ 325.00
712-MOT Support Vehicle	Hour	\$ 162.00
800-Soils Chloride Soil or Water (FM 5-552)	Test	\$ 115.00
803-Soils Consolidation - Constant Strain (ASTM D4186)	Test	\$ 690.00
804-Soils Consolidation - Extended Load Increments (AASHTO T216)	Day	\$ 238.00
805-Soils Corrosion Series (FM 5-550 through 5-553)	Test	\$ 320.00
806-Soils Direct Shear Consolidated Drained/ Point AASHTO T 236	Test	\$ 440.00
810-Soils Limerock Bearing Ratio (LBR)(FM 5-515)	Test	\$ 464.00
811-Soils Liquid Limit (AASHTO T 89)	Test	\$ 76.00
812-Soils Materials Finer than 200 Sieve (FM 1-T011)	Test	\$ 65.00
817-Soils Moisture Content Laboratory (AASHTO T 265)	Test	\$ 23.80
819-Soils Organic Content Ignition (FM 1 T-267)	Test	\$ 61.00
821-Soils Particle Size Analysis (AASHTO T 88) (Including Hydrometer)	Test	\$ 250.00
822-Soils Particle Size Analysis (AASHTO T 88) (No Hydrometer)	Test	\$ 98.00
823-Soils Permeability Constant Head (AASHTO T 215)	Test	\$ 445.00
824-Soils Permeability Falling Head (FM 5-513)	Test	\$ 385.00
825-Soils pH Soil or Water (FM 5-550)	Test	\$ 65.00
826-Soils Plastic Limit & Plasticity Index (AASHTO T 90)	Test	\$ 76.00
827-Soils Proctor Modified (FM 1-T 180)	Test	\$ 165.00
828-Soils Proctor Standard (AASHTO T 99)	Test	\$ 165.00
829-Soils Resistivity Soil or Water (FM 5-551)	Test	\$ 73.00
832-Soils Splitting Tensile Strength of Rock Cores (ASTM D3967)	Test	\$ 195.00
833-Soils Sulfate Soil or Water (FM 5-553)	Test	\$ 80.00
838-Soils Unconfined Compression - Rock (ASTM D7012, Method C)	Test	\$ 250.00

Item Description	Unit	Unit Price
Tierra Non Drop Menu Standrad Test Items		
Arsenic (Method 6010/7471)	Each	\$ 9.00
Asbestos Samples	Each	\$ 15.00
BTEX and MTBE (Method 8260)	Each	\$ 65.00
Chlorinated Herbicides (Method 8151)	Each	\$ 100.00
Drilling Permit Costs IE DEP	Each	\$ 250.00
EDR Report	Each	\$ 500.00
Field Sampling Kit (soil)	Each	\$ 75.00
Field Sampling Survey Kit (water)	Each	\$ 75.00
Flagman and Barricades 2-Man Crew Own Equipment	Day	\$ 1,080.00
Handheld GPS	Per Day	\$ 80.34
Mercury Individual (Method 6010/7471)	Each	\$ 25.00
Organic Vapor Analyzer (OVA)	Day	\$ 150.00
Organochlorine Pesticides (Method 8081)	Each	\$ 100.00
Organophosphorous Pesticides (Method 8141)	Each	\$ 125.00
Polyaromatic Hydrocarbons (Method 8270)	Each	\$ 100.00
Polychlorinated Biphenals (8082)	Each	\$ 75.00
Power Auger Boring (includes decontamination to a depth of 25 feet)	Foot	\$ 11.90
RCRA 8 Metals (Method 6010/7471)	Each	\$ 65.00
RCRA Metals Individual (Method 6010/7471)	Each	\$ 9.00
Semi-Volatiles (Method 8270)	Each	\$ 200.00
Site Clearing to Access Boring or Test Locations	Hour	\$ 210.00
SPLP/TCLP Metals	Each	\$ 198.00
TPH Method FL-Pro	Each	\$ 65.00
Ultr Low Trace Mercury GW Individual (Method 1631)	Each	\$ 75.00
Volatile Organics (Method 8260)	Each	\$ 95.00
Volatile Organics BTEX/MTBE(Method 8260)	Each	\$ 60.00



Barclay Avenue (CR 585) Roadway Improvements From Powell Road to Lucky Lane
25-RFQ01076/FH

Item	Unit	Rate
2 Person SUE Crew Day	Day	\$ 1,771.58
2 Person SUE Crew Hour	Hour	\$ 221.45
2 Person Survey Crew Day	Day	\$ 1,839.10
2 Person Survey Crew Hour	Hour	\$ 229.89
3 Person SUE Crew Day	Day	\$ 2,463.93
3 Person SUE Crew Hour	Hour	\$ 307.99
3 Person Survey Crew Day	Day	\$ 2,400.50
3 Person Survey Crew Hour	Hour	\$ 300.06
4 Person SUE Crew Day	Day	\$ 3,156.28
4 Person SUE Crew Hour	Hour	\$ 394.54
4 Person Survey Crew Day	Day	\$ 2,961.89
4 Person Survey Crew Hour	Hour	\$ 370.24
5 Person Survey Crew Day	Day	\$ 3,737.55
5 Person Survey Crew Hour	Hour	\$ 467.19
Chief Planner Home	HOURL	\$ 239.38
Chief Scientist Home	HOURL	\$ 264.50
Environmental Specialist Home	HOURL	\$ 122.62
Planner Home	HOURL	\$ 108.63
Scientist Home	HOURL	\$ 98.18
Senior Environmental Specialist Home	HOURL	\$ 154.47
SUR Chief Surveyor Home	HOURL	\$ 256.13
SUR Crew Chief Home	HOURL	\$ 132.93
SUR Instrument Operator Home	HOURL	\$ 96.96
SUR Mobile Survey Operator Home	HOURL	\$ 189.18
SUR Rod Person Home	HOURL	\$ 70.17
SUR Senior Surveyor 1 Home	HOURL	\$ 245.37
SUR Senior Surveyor 2 Home	HOURL	\$ 288.15
SUR SUE Technician 1 Home	HOURL	\$ 86.54
SUR SUE Technician 2 Home	HOURL	\$ 83.00
SUR SUE Technician 3 Home	HOURL	\$ 138.44
SUR Survey Project Manager 1 Home	HOURL	\$ 226.18
SUR Survey Project Manager 3 Home	HOURL	\$ 245.54
SUR Survey/GIS/SUE Analyst 1 Home	HOURL	\$ 108.32
SUR Survey/GIS/SUE Analyst 3 Home	HOURL	\$ 157.06
SUR Surveyor Home	HOURL	\$ 197.49
SUR UAS Operator Home	HOURL	\$ 132.69

Ayres Associates Inc Response

Pricing unsealed at Nov 17, 2025 11:31 AM

CONTACT INFORMATION

Company

Ayres Associates Inc  No Reviews

Email

stirmelj@ayresassociates.com

Contact

Jenn Stirmel

Address

3433 Oakwood Hills Parkway
Eau Claire, WI 54701

Phone

N/A

Website

ayresassociates.com

Submission Date

Nov 16, 2025 1:38 PM (Eastern Time)

ADDENDA CONFIRMATION

✔ Addendum #1

Confirmed Oct 14, 2025 1:28 PM by Jenn Stirmel

✔ Addendum #2

Confirmed Nov 6, 2025 10:54 AM by Jenn Stirmel

✔ Addendum #3

Confirmed Nov 6, 2025 10:54 AM by Jenn Stirmel

✔ Addendum #4

Confirmed Nov 11, 2025 10:04 AM by Jenn Stirmel

QUESTIONNAIRE

1. Company Information

1.1. Vendor Registration*

☐ Pass ☐ Fail

Please download the below documents, complete, and upload.

 [Vendor-Registration-Form_\(5\).pdf](#)

 [Ayres_signed_Vendor-Registration-Form_\(5\).pdf](#)

1.2. W9 Form**

☐ Pass ☐ Fail

Please upload your company's W9 information

 [Ayres_2025_W-9.pdf](#)

1.3. Upload Florida Permit*

☐ Pass ☐ Fail

Bidders who are non-resident corporations shall furnish to the Owner a duly certified copy of their permit to transact business in the State of Florida along with the bid. Failure to submit this evidence or qualification to do business in the State of Florida may be basis for rejection of the bid.

 [Florida_Certificate_of_Status_P20042.pdf](#)

 [Florida_Fictitious_Name_AA_Certificate_of_Status.pdf](#)

2. Authorizations

2.1. Authorized Representative*

☐ Pass ☐ Fail

Are you fully authorized to bind this company, or corporation?

No

2.2. Please provide the information to support the statement below:*

☐ Pass ☐ Fail

The Firm/Contractor represents that the following persons are authorized to sign and/or negotiate contracts and related documents to which the Firm/Contractor will be duly bound:

Name(s)

Title(s)

Email(s)

Phone(s)

Business Address(s)

1. Bruce Ommen, PE, Chairperson of the Board and President, 715.831.7575, OmmenB@AyresAssociates.com, 3433 Oakwood Hills Parkway, Eau Claire, WI 54701; 2. Jan Zander, PE, Executive Vice President/Chief Operating Officer, 715.831.7505, ZanderJ@AyresAssociates.com, 5201 E. Terrace Drive, Suite 200, Madison, WI 53718; 3. Lisa Pronschinske, CPA, Executive Vice President/Chief Financial Officer, 715.831.7628, PronschinskeL@AyresAssociates.com, 3433 Oakwood Hills Parkway, Eau Claire, WI 54701; 4. Jason Ingram, PSM, Executive Vice President, 920.327.7857, IngramJ@AyresAssociates.com, 700 Pilgrim Way, Suite 180, Green Bay, WI 54304

2.3. Corporate Affidavit*

☐ Pass ☐ Fail

Please download the below documents, complete, and upload.

3. Confirmations

3.1. Hernando County Does Not Accept Exceptions to the Contract.*

☐ Pass ☐ Fail

I have carefully examined the Request for Proposals/Qualifications (RFP/RFQ), Instructions to Proposers, General and/or Special Conditions, Specifications, RFP/RFQ Proposal and any other documents accompanying or made a part of this invitation.

I certify that all information contained in this RFP/RFQ is truthful to the best of my knowledge and belief. I further certify that I am a duly authorized to submit this RFP/RFQ on behalf of the Consultant/Firm as its act and deed and that the Consultant/Firm is ready, willing and able to perform if awarded the Contract.

I further certify that this RFP/RFQ is made without prior understanding, agreement, connection, discussion, or collusion with any person, firm or corporation submitting a RFP/RFQ for the same product or service; no officer, employee or agent of the Hernando County BCC or of any other Proposer interested in said RFP/RFQ; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

I further certify that having read and examined the specifications and documents for the designated services and understanding the general conditions for Contract under which services will be performed, does hereby propose to furnish all labor, equipment, and material to provide the services set forth in the RFP/RFQ.

The undersigned further declares that the "work" will be performed in strict accordance with such requirements.

NO EXCEPTIONS ALLOWED:

I understand that Hernando County does not accept any Exceptions to the Sample Contract.

Yes

3.2. Drug Free Workplace Certification*

☐ Pass ☐ Fail

I have read and attest to, in accordance with Florida Statute 287.087 (current version), hereby certify that Proposer:

Publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace named above, and specifying actions that will be taken against violations of such prohibition.

Informs employees about the dangers of drug abuse in the workplace, the firm's policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.

Gives each employee engaged in providing commodities or contractual services that are under proposal a copy of the statement specified above.

Notifies the employees that as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, pleas of guilty or nolo contendere to, any violation of Chapter 893, or of any controlled substance law of the State of Florida or the United States, for a violation occurring in the workplace, no later than five (5) days after such conviction, and requires employees to sign copies of such written statement to acknowledge their receipt.

Imposes a sanction on, or requires the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.

Makes a good faith effort to continue to maintain a drug free workplace through the implementation of the Drug Free Workplace Program.

"As a person authorized to sign this statement, I certify that the above named business, firm or corporation complies fully with the requirements set forth herein".

Please Confirm that you have read and attest to this Drug Free Workplace Certificate

☒ Confirmed

3.3. VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES*

☐ Pass ☐ Fail

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies for goods or services of \$1,000,000.00 or more, that are on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector Lists which are created pursuant to s. 215.473 F.S., or the Scrutinized Companies that Boycott Israel List, created pursuant to s. 215.4725 F.S., or companies that are engaged in a boycott of Israel or companies engaged in business operations in Cuba or Syria.

As the person authorized to bind on behalf of respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I further certify that the company is not engaged in a boycott of Israel. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs and does not have business operations in Cuba or Syria.

I have read and attest that I confirm the above is acknowledged.

☒ Confirmed

3.4. E-Verify Certification*

☐ Pass ☐ Fail

Vendor/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of:

All persons employed by the Vendor/Contractor during the term of the Contract to perform employment duties within Florida; and

All persons, including subcontractors, assigned by the Vendor/Contractor to perform work pursuant to the Contract with the department.

☒ Confirmed

3.5. Affidavit of Non Collusion and of Non-Interest of Hernando County Employees**

☐ Pass ☐ Fail

Affidavit of Non Collusion and of Non-Interest of Hernando County Employees

Certification that Vendor/Contractor affirms that the bid/proposal presented to the Owner is made freely, and without any secret agreement to commit a fraudulent, deceitful, unlawful or wrongful act of collusion.

I have read and attest that I am the Vendor/Contractor in the above bid/proposal, that the only person or persons interested in said proposal are named therein; that no officer, employee or agent of the Hernando County Board of County Commissioners (BOCC) or of any other Vendor/Contractor is interested in said bid/proposal; and that affiant makes the above bid/proposal with no past or present collusion with any other person, firm or corporation.

Please confirm that you have read and attest to Affidavit of Non Collusion and of Non-Interest of Hernando County Employees.

I have read and attest that based on information and belief, the statement which I have confirmed below is true in relation to the entity submitting this sworn statement:

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH ONE (1) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31, OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT.

Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

3.8. If you chose option 3, to the question above, 3.8 Sworn Statement 287.133(3) a, attach a copy of the final order.

No response submitted

4. Proposal

4.1. Please upload your proposal. The Proposal Format section of Section 5 of this RFQ describes the required Proposal Format. Proposers should also reference Section 6 Evaluation Criteria. *

Introduction

☐ Pass ☐ Fail

Proposal Section 1.0 — Project Understanding

Proposal Section 2.0 — Qualifications & Experience

Proposal Section 3.0 — Firm's Capabilities & Experience

Proposal Section 4.0 — Proposed Project Plan

Proposal Section 5.0 — Quality/Cost Controls.



Ayres_Barclay_Avenue_(CR_585)_Roadway_Improvements_from_Powell_Road_to_Lucky_Lane_Design.pdf

5. Additional Required Forms

5.1. Hernando County Employment Disclosure**

☐ Pass ☐ Fail

Please download the below documents, complete, and upload.

HC_Employment_Disclosure_Certification_Statement_(6)_(1).pdf

Ayres_signed_HC_Employment_Disclosure_Certification_Statement_(6)_(1).pdf

5.2. Anti-Human Trafficking Affidavit

☐ Pass ☐ Fail

Please download the below documents, complete, and upload.

Anti_Human-Trafficking-Affidavit-2024.pdf

Ayres_signed_Anti_Human-Trafficking-Affidavit-2024.pdf

☒ Confirmed

3.6. FOREIGN COUNTRIES OF CONCERN 287.138*

☐ Pass ☐ Fail

287.138 F.S., prohibits agencies from contracting with companies which grant the Vendor/Contractor access to personal identifiable information if: a) the Contractor is owned by the government of a Foreign Country of Concern (as defined by the statute); (b) the government of a Foreign Country of Concern has a controlling interest in the entity; or (c) the Contractor is organized under the law of or has its principal place of business in a Foreign Country of Concern.

As the person authorized to bind on behalf of respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not owned, controlled or organized under the law of a Foreign Country of Concern as identified in Section 2887.138,

Florida statutes. I understand that the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

I have read and attest that I confirm the above is acknowledged.

☒ Confirmed

3.7. Sworn Statement 287.133 (3) (a)*

☐ Pass ☐ Fail

I have read and attest that I understand that a "public entity crime" as defined in Paragraph 287.133 (1)(g), Florida Statutes (current version), means a violation of any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any proposal or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

I have read and attest that I understand that "convicted" or "conviction" as defined in Paragraph 287.133 (1)(b), Florida Statutes (current version), means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any Federal or State trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I have read and attest that I understand that an "affiliate" as defined in Paragraph 287.133 (1)(a), Florida Statutes (current version), means:

- A. A predecessor or successor of a person convicted of a public entity crime; or
- B. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one (1) person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one (1) person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding thirty-six (36) months shall be considered an affiliate.

I have read and attest that I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes (current version), means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which proposals or applies to proposal on contracts for the provisions of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

Anti-Human Trafficking Affidavit

In compliance with Fla. Stat. § 787.06(13), this affidavit must be completed by an officer or representative of a nongovernmental entity that is executing, renewing, or extending a contract with Hernando County or any of its subordinate units (the "Governmental Entity").

1. My name is Jason Ingram and I am over eighteen years of age. The following information is given from my own personal knowledge.
2. I am an officer or representative with Ayres Associates Inc., a non-governmental entity (the "Nongovernmental Entity"). I am authorized to provide this affidavit on behalf of Nongovernmental Entity.
3. Neither Nongovernmental Entity, nor any of its subsidiaries or affiliates, uses *coercion* for *labor* or *services*, as such italicized terms are defined in Fla. Stat. § 787.06, as it may be amended from time to time.
4. If, at any time in the future, Nongovernmental Entity does use coercion for labor or services, Nongovernmental Entity will immediately notify Governmental Entity and no contracts may be executed, renewed, or extended between the parties.
5. This declaration is made pursuant to Fla. Stat. § 92.525. I understand that making a false statement in this declaration may subject me to criminal penalties.

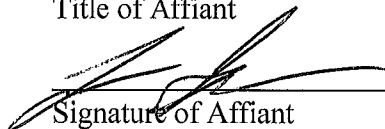
Under penalties of perjury, I Jason Ingram, declare that I have read the foregoing Anti-Human Trafficking Affidavit and that the facts stated in it are true.

FURTHER AFFIANT SAYETH NAUGHT.

Ayres Associates Inc.
Name of Nongovernmental Entity

Jason Ingram
Printed Name of Affiant

Executive Vice President
Title of Affiant


Signature of Affiant

10/21/2025
Date