

**STANDARD PROFESSIONAL CONSULTING SERVICES  
CONTRACT DOCUMENTS**

**FOR**

**AGREEMENT BETWEEN  
ESCAMBIA COUNTY**

**AND**

**Kisinger Campo & Associates, Corp.**

**FORM G: CONSULTING SERVICES FOR STAND-ALONE PROJECTS  
(Revised 2020)**

**AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES**

**THIS AGREEMENT** is made and entered into this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by and between Escambia County, a political subdivision of the State of Florida (hereinafter referred to as “the County”), whose address is 221 Palafox Place, Pensacola, Florida 32502, and Kisinger Campo & Associates, Corp., a Corporation for-profit, authorized to transact business in the State of Florida, FEI/EIN 59-1677145, whose principal address is 201 North Franklin Street, Suite 400, Tampa, Florida 33602, (hereinafter referred to as the “Consultant”).

**WITNESSETH:**

**NOW, THEREFORE**, in consideration of the mutual terms and conditions, promises, covenants and payments hereinafter set forth, the County and the Consultant agree as follows:

**ARTICLE 1**  
**DEFINITIONS AND IDENTIFICATIONS**

For purposes of this Agreement and the various covenants, conditions, terms, and provisions which follow, the definitions and identifications set forth below are assumed to be true and correct and are, therefore, agreed upon by the parties.

1.1 **BOARD OF COUNTY COMMISSIONERS:** The Board of County Commissioners of Escambia County, Florida, means the governing body of the Escambia County Government.

1.2 **CONSULTANT:** Kisinger Campo & Associates, Corp. is the Consultant selected to perform professional services pursuant to this Agreement.

1.3 **CONTRACT ADMINISTRATOR:** Whenever the term “Contract Administrator” is used herein, it is intended to mean Derek Fox, Escambia County Engineering Department. In the administration of this contract, as contrasted with matters of policy, all parties may rely upon instructions or determinations made by the Contract Administrator.

1.4 **CONTRACT SERVICES:** The intent of this Contract is to make available certain professional consultant services to Escambia County as outlined herein.

1.5 **COUNTY:** Escambia County is a political subdivision of the State of Florida.

1.6 **LUMP SUM COMPENSATION:** Lump sum computation refers to the method of payment under this Agreement for the professional services of the Consultant.

1.7 **NOTICE TO PROCEED:** A Notice to Proceed is the written authorization issued by the County or the Contract Administrator to commence the Project.

1.8 **PROJECT:** It is the intent of this Agreement that the Consultant provide to the County certain professional services for PD 22-23.049 Devine Farms Bridge Design Re-Solicit.

**ARTICLE 2**  
**PREAMBLE**

In order to establish the background, context, and frame of reference for this Agreement and to generally express the objectives and intentions of the respective parties herein, the following statements, representations, and explanations shall be accepted as predicates for the undertakings and commitments included within the provisions which follow and may be relied upon by the parties as essential elements of the mutual considerations upon which this Agreement is based.

2.1 Under this Agreement, Escambia County will budget funds during Fiscal Year(s) **2022-2023** in the amount of **Seven Hundred Five Thousand, Sixty-One Dollars and Thirteen Cents (\$705,061.13)** for this Project.

2.2 The Board of County Commissioners has met the requirements of the Consultants' Competitive Negotiation Act, as contained in Section 287.055, Florida Statutes, as amended, and has selected the Consultant to perform the services hereunder.

2.3 Negotiations pertaining to the services to be performed by the Consultant were undertaken between Consultant and a committee selected by the Board of County Commissioners, and this Agreement incorporates the results of such negotiation.

**ARTICLE 3**  
**SCOPE OF WORK**

The Consultant will provide certain professional consultant services for the tasks outlined in Escambia County's Request for Qualifications (RFQ), Specification No. PD 22-23.049, Devine Farms Bridge Design Re-Solicit, and as represented in the Consultant's Letter of Interest, subsequent interview, and proposal presentation. In the event of a conflict between the terms of the proposal and this Agreement, the terms of this Agreement shall prevail.

3.1 The basic services to be provided are set forth in **Exhibit A**, attached hereto and incorporated by reference herein, and unless otherwise specified, such services shall be completed in accordance with the standard care in the profession at the time such services are rendered.

3.2 Such services, generally, shall include those services performed by a consultant, its employees, and subcontractors, as more specifically enumerated in the Scope of Work of **Exhibit A** and any other services specifically included therein.

3.3 The Consultant shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished by the Consultant under this Agreement. The consultant shall, without additional compensation, correct or revise any errors or omissions in its designs, drawings, specifications, and other services furnish pursuant to the Agreement.

(a) Neither the County's review, approval or acceptance of, nor payment for, the services required under this Agreement shall be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement, and the Consultant shall be and remain liable to the County in accordance with applicable law for all damages to the County caused by the Consultant's negligent performance of any of the services furnished under this Agreement.

(b) The rights and remedies of the County provided for under this Agreement are in addition to any other rights and remedies provided by law.

(c) If the Consultant is comprised of more than one legal entity, each such entity shall be jointly and severally liable hereunder.

3.4 The Consultant shall accomplish the design services required under this Agreement so as to permit the award of a contract at a price that does not exceed the estimated construction contract price as set forth in paragraph (b) below. When bids or proposals for the construction contract are received that exceed the estimated price, the Consultant shall perform such redesign and other services as are necessary to permit contract award within the funding limitation. These additional services shall be performed at no increase in the price of this Agreement. However, the Consultant shall not be required to perform such additional services at no cost to the County if the unfavorable bids or proposals are the result of conditions beyond its reasonable control.

(a) The Consultant will promptly advise the County if it finds that the project being designed will exceed or is likely to exceed the funding limitations, and it is unable to design a usable facility within these limitations. Upon receipt of such information, the County will review the Consultant's revised estimate of construction cost. The County may, if it determines that the estimated construction contract price set forth in this Agreement is so low that award of a construction contract not in excess of such estimate is improbable, authorize a change in scope or materials as required to reduce the estimated construction cost to an amount within the estimated construction contract price set forth in paragraph (b) below, or the County may adjust such estimated construction contract price. When bids or proposals are not solicited or are unreasonably delayed, the County shall prepare an estimate of constructing the design submitted and such estimate shall be used in lieu of bids or proposals to determine compliance with the funding limitation. In the event the county increases the amount in (b) below the compensation to the consultant may be increased equitably.

(b) The estimated construction contract price for the project described in the Agreement is Three Million, One Hundred Forty-Five Thousand Dollars \$3,145,000.00.

3.5 The Consultant may be liable for County costs resulting from negligent, reckless, or intentionally wrongful errors or omissions in designs furnished under this Agreement, or failure to timely perform its services under this Agreement. Therefore, when a modification to a construction contract is required because of a negligent, reckless or intentionally wrongful error or omission in the services provided under this Agreement, the County (with the advice of technical personnel and legal counsel) shall consider the extent to which the Consultant may be reasonably liable. The County shall enforce such liability and collect the amount due, if the recoverable cost will exceed the administrative cost involved or is otherwise in the County's interest.

**ARTICLE 4**  
**TIME FOR PERFORMANCE**

4.1 The schedule for completion of the Consultant's services shall be in accordance with Exhibit B, which is attached hereto and made a part hereof. Such schedule may be modified from time to time upon the mutual consent of the County and the Consultant.

4.2 These services shall be performed as expeditiously as is consistent with professional skill and care and the orderly progress of the Project. The Consultant's schedule for the performance of its services shall include allowances for periods of time required for the County's review and for its approval of submissions by the Consultant. Time limits established by this schedule, which are hereby approved by the County, shall not be exceeded by the Consultant, except for reasonable cause.

4.3 Prior to beginning the performance of any basic services under this Agreement, the Consultant must receive in writing a Notice to Proceed from the Contract Administrator.

**ARTICLE 5**  
**COMPENSATION AND METHOD OF BILLING AND PAYMENT**

5.1 COMPENSATION: The County agrees to pay the Consultant, as compensation for its services under Section 3.1 of this Agreement, an aggregate fee for certain project tasks pursuant to the fee schedule set forth in Exhibit C, attached hereto and made a part hereof. At the completion of each task, the Consultant will be compensated by a lump sum amount, which has been negotiated for that task, unless otherwise mutually agreed to by the parties hereto. The total fee for all such services, to be performed by the Consultant, including costs, direct expenses, and any other charges described in Section 5.3, is to be paid as follows: A lump sum amount of Seven Hundred Five Thousand, Sixty-One Dollars and Thirteen Cents (\$705,061.13). Final payment will be subject to approval by the Board of County Commissioners.

5.2 FEE SCHEDULE: The "fee schedule," as used herein, shall mean the charges shown in Exhibit C for certain tasks to be performed by the Consultant. Such fees shall include, all inclusively the Consultant's salaries of professional and administrative staff, sick leave, vacation, unemployment, excise and payroll taxes, contributions for social security, unemployment compensation insurance, retirement benefits, medical and insurance benefits, air travel, auto travel, telephone, facsimile, reproduction costs, other routine overhead expenses, profit, and all other expenses of every type.

5.3 DIRECT EXPENSES: Direct expenses are those expenses directly attributable to the Project, which will be exclusively borne by Consultant, and are included in its aggregate fee, they shall include, but not be limited to, the following:

- (a) Transportation expenses in connection with the Project.
- (b) Living expenses in connection with travel and any other travel expenses.
- (c) Long distance communications and other miscellaneous budget expenses.
- (d) Cost of printing plans, drawings, and specifications which are required by or of the Consultant to deliver the services set forth in this Agreement. The Consultant agrees and understands that it will furnish to the County two (2) sets of all Project plans, reports, and specifications in a bound format acceptable to the County.

- (e) Cost of any software or hardware used or developed for the Project, including CAD/CADD time.

5.4 METHOD OF BILLING AND PAYMENT:

(a) For lump sum contracts, the Consultant may submit bills to the County at the completion and approval of each task or at the partial completion of a task on a pro-rata basis. However, requests for payment shall not be made more frequently than once a month. The Consultant shall submit such monthly statements identifying the nature of the work performed.

Calculations shall be made monthly of the amount and value of the work accomplished and services performed by the Consultant which meet the standards of quality established under this Agreement. The estimates shall be prepared by the Consultant and accompanied by such supporting data as required by the Contract Administrator.

(b) Payments under this Agreement and interest on any late payments shall be governed by the Local Government Prompt Payment Act, §§ 218.70, et seq., as amended.

5.5 NOTICES:

(a) Any notice, invoice, payment, or other communication under this Agreement required hereunder or desired by the party giving such notice shall be given in writing and delivered by hand or through the instrumentality of certified mail of the United States Postal Service or other private courier service, such as Federal Express.

(b) Unless otherwise notified in writing of a new address, notices, payment, and invoices shall be made to each party at the below listed addresses. Rejection, or other refusal by the addressee to accept, or the inability of the courier service, or the United States Postal Service to deliver because of a changed address of which no notice was given, shall be deemed to be receipt of the notice sent. Any party shall have the right, from time to time, to change the address to which notices shall be sent by giving the other party at least ten (10) days prior notice of the address change.

(c) Payments and Notices to the Consultant shall be made to:

Paul Foley  
Kisinger Campo & Associates, Corp.  
201 North Franklin Street, Suite 400  
Tampa, FL, 33602

(d) Invoices to the County shall be sent to:                      Notices to the County shall be sent to:

Derek Fox  
Escambia County Engineering Dept  
3363 W. Park Pl, Pensacola, FL  
Pensacola, Florida 32505

County Administrator  
Escambia County Administrator  
221 Palafox Place, Suite 420  
Pensacola, Florida 32502  
(850) 595-4900

**ARTICLE 6**  
**ADDITIONAL SERVICES AND CHANGES IN SCOPE OF WORK**

6.1 The County or the Consultant may request changes that would increase, decrease, or otherwise modify the Scope of Work to be provided under this Agreement. Such changes must be in accordance with the procurement policies of the County and must be contained in a written amendment, executed by the parties thereto, with the same formality and of equal dignity prior to any deviation from the terms of this Agreement, including the initiation of any extra work.

**ARTICLE 7**  
**COUNTY'S RESPONSIBILITIES**

7.1 The County shall furnish to the Consultant (Kisinger Campo & Associates, Corp.), as required for performance of the Consultant's basic services, all available data prepared by or the result of the services of others, including without limitation (as may be appropriate): building plans and related drawings, core borings, probings, and subsurface explorations, hydraulic surveys, laboratory tests, and inspections of samples, materials, and equipment, appropriate professional interpretations of all of the foregoing; environmental assessments and impact statements, appropriate professional interpretations of all of the foregoing; property boundary, easement, rights-of-way, topographic and utility surveys; property descriptions; zoning, deed, and other land use restrictions; and any other special data or consultations relating to this Project.

7.2 The County shall arrange for access to and make all provisions for the Consultant to enter upon public and private property as required for the Consultant to perform its services.

7.3 Within a reasonable time so as not to delay the services of the Consultant, the County shall examine all studies, reports, sketches, drawings, specifications, proposals, and other documents presented by the Consultant, obtain advice of an attorney, insurance counselor, or other Consultants, as the County deems appropriate, for such examinations and the rendering, if required, of written opinions pertaining thereto.

7.4 The County shall furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.

7.5 The County shall give prompt written notice to the Consultant whenever the County observes or otherwise becomes aware of any development that affects the scope of timing of the Consultant's services, or any defect in the work of the Consultant.

**ARTICLE 8**  
**CONSULTANT'S RESPONSIBILITIES**

8.1 **QUALITY OF SERVICES:**

(a) The Consultant shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished pursuant to this Agreement.

(b) To that end, the Consultant shall correct or shall revise, without additional compensation, any errors or omissions in its work product or shall make such revisions as

are necessary as the result of the failure of the Consultant to provide an accurate, more efficient, and properly constructible product in its designs, drawings, specifications, or other services.

(c) The County's review/approval/acceptance of or payment for the services required by this Agreement shall NOT be construed to operate as a waiver of any rights or of any cause of action arising out of the performance of this Agreement. Additionally, the Consultant shall be and remain liable to the County in accordance with applicable law for all damages to the County caused by the Consultant's negligent performance of any of the services furnished under this Agreement.

(d) The rights and remedies of the County provided for under this Agreement are in addition to any other rights and remedies otherwise provided by law.

8.2 **CONSULTANT PROFESSIONAL REGISTRATION AND CERTIFICATION:**

(a) The design services provided to the County by the Consultant shall be certified by professional consultants registered to practice and in good standing in the State of Florida. Any project inspection services also shall be reviewed and shall be approved by such professional consultants.

(b) The survey services provided to the County by the Consultant shall be certified by professional land surveyors registered to practice and in good standing in the State of Florida.

(c) Permit applications to State and Federal agencies prepared by the Consultant shall be signed and shall be sealed by the Consultant, as the project's Consultant of Record. For all such permit applications, post-construction certification also shall be made by the Consultant to the appropriate State or Federal permitting agency.

**ARTICLE 9**  
**GENERAL PROVISIONS**

9.1 **OWNERSHIP OF DOCUMENTS:**

(a) Drawings, specifications, design, models, photographs, reports, surveys, and other data, including intellectual property of any type or description, produced by the Consultant in connection with this Agreement are and shall remain the property of the County whether the Project for which they were made is completed or not. Such ownership also shall include any electronic files developed or created of such documents.

(b) When such documents are provided to other parties, the Consultant shall ensure return of the County's property by collecting, if appropriate, a deposit equal to the cost of reproduction. Such deposit shall be returned if the documents are timely returned in a useable condition. Otherwise, such deposit shall be retained by the Consultant.



## 9.2 TERMINATION:

- (a) This Agreement may be terminated by either party for cause, or by the County for convenience, upon fourteen (14) days written notice by the terminating party to the other party of such termination in which event the Consultant shall be paid its compensation for services performed to termination date, including all reimbursable expenses then due or incurred to the date of termination.
- (b) Termination for cause shall include, but not be limited to, misuse of funds, fraud, lack of compliance with applicable rules, laws, regulations, and ordinances, and failure to perform in a timely manner any provision of this Agreement.
- (c) In no event shall a termination for convenience by the County be deemed a default, and any such termination shall not subject the County to any penalty or other claim for damages. If the Consultant abandons this Agreement or causes it to be terminated, the Consultant shall indemnify the County against any loss pertaining to this termination up to a maximum of 1.3 times the full contracted fee amount of the Project. All finished or unfinished documents, data, studies surveys, drawings, maps, models, photographs, and reports prepared by the Consultant shall become the property of the County and shall be immediately delivered by the Consultant to the County.
- (d) Vendor suspension or debarment proceedings brought by County pursuant to Chapter 46, Article II, Division 2, Section 46-102, Escambia County Code of Ordinances, shall be grounds for immediate termination of this Agreement.

## 9.3 RECORDS:

- (a) The Consultant shall keep such records and accounts and shall require any subcontractors to keep records and accounts as may be necessary in order to record complete and correct entries as to personnel hours charged to this engagement and any expenses for which the Consultant expects to be reimbursed. Such books and records will be available at all reasonable times for examination and audit by the County and shall be kept for a period of three (3) years after the completion of all work to be performed pursuant to this Agreement. Incomplete or incorrect entries in such books and records will be grounds for disallowance by the County of any fees or expenses based upon such entries.
- (a) The Consultant acknowledges that this Agreement and any related financial records, audits, reports, plans, correspondence, and other documents may be subject to disclosure to members of the public pursuant to Chapter 119, Florida Statutes, as amended. The Consultant shall maintain all such public records and, upon request, provide a copy of the requested records or allow the records to be inspected within a reasonable time. The Consultant shall also ensure that any public records that are exempt or exempt and confidential from disclosure are not disclosed except as authorized by law. Upon the expiration or termination of the Agreement, Consultant agrees to maintain all public records for a minimum period of five (5) fiscal years in accordance with the applicable records retention schedules established by the Florida Department of State. In the event the Consultant fails to abide by the provisions of Chapter 119, Florida Statutes, the County may, without prejudice to any right or remedy and after giving the Consultant and its surety, if any, seven (7) days written notice, during which period the Consultant still fails to allow access to such documents,

terminate the employment of the Consultant. In such case, the Consultant shall not be entitled to receive any further payment. Reasonable terminal expenses incurred by the County may be deducted from any payments left owing the Consultant (excluding monies owed the Consultant for subcontractor work).

**IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:**

**Escambia County  
Office of the County Administrator  
221 Palafox Place, Suite 420  
Pensacola, Florida 32502  
(850) 595-4947**

9.4 NO CONTINGENT FEES: The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the Consultant any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement. For the breach or violation of this provision, the County shall have the right to terminate the 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.

9.5 SUBCONTRACTORS: The County approves the use of subcontractors by the Consultant. In the event the Consultant, during the course of the work under this Agreement, requires the services of any subcontractors or other professional associates in connection with services covered by this Agreement, it must secure the prior written approval of the County for employment of such subcontractors.

9.6 ASSIGNMENT: This Agreement, or any interest herein, shall not be assigned, transferred, or otherwise encumbered, under any circumstances, by the Consultant, without the prior written consent of the County. However, the Agreement shall run with the Escambia County Board of County Commissioners and its successors.

9.7 HOLD HARMLESS AND INDEMNIFICATION OF COUNTY: The Consultant agrees to hold harmless and indemnify the County and its agents, officers, and employees from all liabilities, damages, losses, and costs, including attorneys' fees and paralegals' fees, incurred by County to the extent caused by the negligence, recklessness or intentional wrongful misconduct of Consultant or by any person, firm, or corporation to whom any portion of the performance of this Agreement is subcontracted to or used by the Consultant, or by any other person for whom the Consultant is legally liable. Consultant's obligation as provided herein shall be limited to its proportionate share of liability to the extent caused by the negligence, recklessness or intentional wrongful misconduct of Consultant or by any person, firm or corporation to whom any portion of the Work is subcontracted by Consultant, and Consultant shall not be required to indemnify and

hold harmless County where County's negligence, recklessness, or intentional wrongful misconduct is determined by a court of competent jurisdiction to be the sole cause of its liabilities, damages, losses and costs, including attorney's and paralegal fees.

County and Consultant agree one percent (1%) of the Contract Amount paid by County to Consultant shall be given as separate consideration for this indemnification, and any other indemnification of County by Consultant provided for within the Contract Documents, the sufficiency of such separate consideration being acknowledged by Consultant by Consultant's acceptance and execution of the Agreement.

Consultant agrees that such indemnification by the Consultant relating to any matter which is the subject of this Agreement shall extend throughout the term of this Agreement and any statutes of limitations thereafter. The Consultant's obligation shall not be limited by, or in any way to, any insurance coverage or by any provision in or exclusion or omission from any policy of insurance.

9.8 INSURANCE: The Consultant is required to carry the following insurance:

(a) Commercial General Liability with \$1,000,000 minimum per occurrence and \$2,000,000 annual aggregate, including coverage parts of bodily injury, property damage, broad form property damage, personal injury, independent contractors, blanket contractual liability, and completed operations;

(b) Automobile Liability with \$1,000,000 per occurrence minimum combined single limits for all hired, owned, and non-owned vehicles;

(c) Florida statutory workers' compensation and employers' liability with employer's liability limits of at least \$1,000,000 each accident and \$1,000,000 each employee/\$1,000,000 policy limit for disease; and

(d) Professional Liability coverage with \$1,000,000 per wrongful act and \$2,000,000 policy aggregate minimum limit, except where the estimated construction contract price for the project described in the Agreement is greater than \$5 Million dollars, the minimum limit of professional liability coverage shall be equal to 25% of the estimated construction contract price for the project. Said coverage shall be continuously maintained and in effect for a period of not less than **five (5) years** from the effective date of this Agreement. The policy limit of liability shall not include legal fees and other defense costs. If a claims made form of coverage is provided, the retroactive date of coverage shall be no later than the effective date of this Agreement and shall not be advanced. If at any time during the aforementioned policy period there should be a cancellation, non-renewal, or lapse in coverage, professional liability coverage shall be extended for the remainder of the five year period with a supplemental extended reporting period (SERP) endorsement to take effect upon expiration of the policy period referenced above. The limits of liability applicable to the SERP coverage shall be equal to the limits of liability applicable to the policy referenced above and to which the endorsement attaches.

It is understood and agreed by the parties that in the event that the Consultant consists of a joint venture, partnership, or other association of professional or business firms, each such firm shall be required to individually carry the above cited coverages.

All liability coverage shall be through carriers admitted to do business in the State of Florida. Carriers shall be a minimum financial size of VII, according to the latest edition of the A.M. Best

Key Rating Guide. An A or better Best Rating is referred; however, other ratings if “Secure Best Ratings” may be considered. Liability policies shall be underwritten on the occurrence basis, except the professional and environmental impairment coverage may be provided on a claims made basis. Escambia County and the Board of County Commissioners shall be “additional insured’s” on all liability policies (except professional liability). Certificates of insurance shall be provided to Purchasing Manager, P.O. Box 1591, Pensacola, Florida 32597-1591 prior to commencement of work hereunder. Certificates shall reflect the additional insured status of Escambia County and shall provide for a minimum of thirty (30) days’ notice of cancellation. Escambia County and the Board of County Commissioners also shall be the certificate holders.

9.9 REPRESENTATIVE OF COUNTY AND CONSULTANT:

(a) It is recognized that questions in the day-to-day conduct of the Project will arise. The Contract Administrator, upon request by the Consultant, shall designate and shall advise the Consultant in writing, persons to whom all communications pertaining to the day-to-day conduct of the Project shall be addressed.

(b) The Consultant shall inform the Contract Administrator in writing of the representative of the Consultant to whom matters involving the conduct of the Project shall be addressed.

9.10 ALL PRIOR AGREEMENTS SUPERSEDED:

(a) This document incorporates and includes all prior negotiations, correspondence, conversations, agreements, or understandings applicable to the matters contained herein, and the parties agree that there are no commitments, agreements, or understandings concerning the subject matter of this Agreement that are not contained in this document. Accordingly, it is agreed that no deviation from the terms hereof shall be predicated upon any prior representations or Agreements whether oral or written.

(b) It is further agreed that no modification, amendment, or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and of equal dignity herewith.

9.11 TRUTH-IN-NEGOTIATION CERTIFICATE: The signing of this Agreement by the Consultant shall act as the execution of a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the compensation of this Agreement are accurate, complete, and current at the time of contracting. The original contract price and any additions thereto shall be adjusted to exclude any significant sums by which the County determines the contract price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such contract adjustments shall be made within one (1) year following the end of this Agreement.

9.12 HEADINGS: Headings and subtitles used throughout this Agreement are for the purpose of convenience only, and no heading or subtitle shall modify or be used to interpret the text of any section.

9.13 GRATUITIES: Neither the Consultant nor any of its employees, agents, and representatives shall offer or give to an officer, official, or employee of the County gifts, entertainment, payments, loans, or other gratuities. The Consultant acknowledges knowledge of

9.14 CONFLICT OF INTEREST: The Consultant hereby certifies that it will completely disclose to the County all facts bearing upon any possible conflicts, direct or indirect, with its performance which it believes that any officer, employee, or agent of the Consultant now has or will have. Said disclosure shall be made by the Consultant contemporaneously with the execution of this Agreement and at any time thereafter that such facts become known to the Consultant. The Consultant at all times shall perform its obligations under this Agreement in a manner consistent with the best interests of the County. Failure to abide by this section shall result in the immediate termination of this Agreement pursuant to Chapter 46, Article II, Division 4 of the Escambia County Code of Ordinances.

9.15 SURVIVAL: All other provisions which, by their inherent character, sense, and context are intended to survive termination of this Agreement, shall survive the termination of this Agreement.

9.16 GOVERNING LAW: This Agreement shall be governed by and construed in accordance with the laws of the State of Florida, and the parties stipulate that venue for any matter which is a subject of this Agreement shall be in the County of Escambia.

9.17 INTERPRETATION: For the purpose of this Agreement, the singular includes the plural and the plural shall include the singular. References to statutes or regulations shall include all statutory or regulatory provisions consolidating, amending, or replacing the statute or regulation referred to. Words not otherwise defined that have well-known technical or industry meanings, are used in accordance with such recognized meanings. References to persons include their respective permitted successors and assigns and, in the case of governmental persons, persons succeeding to their respective functions and capacities.

(a) If the Consultant discovers any material discrepancy, deficiency, ambiguity, error, or omission in this Agreement, or is otherwise in doubt as to the meaning of any provision of the Agreement, the Consultant shall immediately notify the County and request clarification of the County's interpretation of this Agreement.

(b) This Agreement shall not be more strictly construed against either party hereto by reason of the fact that one party may have drafted or prepared any or all of the terms and provisions hereof.

9.18 SEVERABILITY: The invalidity or non-enforceability of any portion or provision of this Agreement shall not affect the validity or enforceability of any other portion or provision. Any invalid or unenforceable portion or provision shall be deemed severed from this Agreement and the balance hereof shall be construed and enforced as if this Agreement did not contain such invalid or unenforceable portion or provision.

9.19 COMPLIANCE WITH LAWS: The Consultant shall keep fully informed regarding and shall fully and timely comply with all current laws and future laws that may affect those engaged or employed in the performance of this Agreement. Without limiting the generality of the foregoing, the Consultant shall observe all rules and regulations of federal, state, and local officials relating to the subject matter of this Agreement.

9.20 EMPLOYMENT ELIGIBILITY VERIFICATION (E-VERIFY): In accordance with §448.095, Florida Statutes, Consultant shall register with and utilize the E-Verify System operated by the United States Department of Homeland Security to verify the employment eligibility of all new

employees hired during the term of the Agreement and shall expressly require any subcontractors performing work or providing services pursuant to this Agreement to likewise utilize the E-Verify System to verify the employment eligibility of all new employees hired by the subcontractor during the term of this Agreement. If Consultant enters into a contract with a subcontractor performing work or providing services on its behalf, Consultant shall also require the subcontractor to provide an affidavit stating that the subcontractor does not employ, contract with, or subcontract with an unauthorized alien. Information on registration for and use of the E-Verify Program can be obtained via the internet at the Department of Homeland Security Web site: <http://www.dhs.gov/E-Verify>.

9.21 PARTICIPATION IN OTHER PROCEEDINGS: At the County's request, the Consultant shall allow itself to be joined as a party in any legal proceeding that involves the County regarding the design, construction, or installation of any matter which is the subject of this Agreement. This provision is for the benefit of the County and not for the benefit of any other party.

9.22 FURTHER DOCUMENTS: The parties shall execute and deliver all documents and perform further actions that may be reasonably necessary to effectuate the provisions of this Agreement.

9.22 NO WAIVER: The failure of the Consultant or the County to insist upon the strict performance of the terms and conditions hereof shall not constitute or be construed as a waiver or relinquishment of any other provision or of either party's right to thereafter enforce the same in accordance with this Agreement.

**IN WITNESS WHEREOF**, the parties hereto have made and executed this Agreement on the respective dates under each signature:

COUNTY:  
ESCAMBIA COUNTY, FLORIDA, a political subdivision of the State of Florida acting by and through its duly authorized Board of County Commissioners.

\_\_\_\_\_  
Witness

By: \_\_\_\_\_  
Wesley J. Moreno, County Administrator

\_\_\_\_\_  
Witness

Date: \_\_\_\_\_

BCC Approved: \_\_\_\_\_

ATTEST:

CONSULTANT:

By:   
Corporate Secretary (Ronald E. Gott)

Kisinger Campo & Associates, Corp., a Corporation authorized to do business in the State of Florida.

  
Witness Veronica Green

By:   
Paul Foley, President

  
Witness Rose Foley

Date: April 26, 2023

[SEAL]



April 5, 2023

Mr. Derek Fox  
Project Manager  
Engineering Department  
Escambia County  
3363 W Park Place  
Pensacola, Florida 32505

Re: Devine Farms Rd Bridge Replacement & Roadway Realignment  
Contract No. PD 22-23.049

Dear Mr. Fox:

We are pleased to submit this proposal for engineering services for the above referenced project. The scope of services will consist of the design of bridge replacement of Devine Farms Rd over 11 Mile Creek (Bridge No. 484067) and associated roadway realignment of Devine Farms Rd. The services will be performed in conformance with Escambia County policies and in accordance with the following:

1. PROJECT OBJECTIVES

The Consultant will design plans and specifications for bridge replacement of Devine Farms Rd over 11 Mile Creek (Bridge No. 484067) and associated roadway realignment of Devine Farms Rd. All designs will be in accordance with FDOT Greenbook.

2. SPECIFIC SERVICES

**Structures Design**

The Consultant will develop structures plans which provide all information for the construction of the bridge replacement. The bridge will consist of a prefabricated structure supported by cast-in-place concrete abutments and driven piles or otherwise determined by the BDR. Cast-in-place approach slabs will be designed. In order to keep the roadway open to traffic, the bridge will be replaced in phases.

The Consultant will acquire the services of a prefabricated bridge manufacturer and include the manufacturer's drawings in the Plans. The Plans will require an "equal or equivalent" structure to the Plan prefabricated bridge.

The Consultant will prepare a BDR. The BDR will analyze use of a temporary signal for phased construction. Steel pipe piles, prestressed concrete piles, and shallow foundations/GRS abutments will be analyzed.

MSE walls will be designed for each end bent to retain fill. Critical Temporary Sheet Pile Walls will be designed to support traffic during phase construction.

The prefabricated bridge manufacturer will provide the load rating. The Consultant will use this rating to apply for the Bridge Number.

A 6' sidewalk will be designed on the north side of the bridge.

**Roadway Design and Temporary Traffic Control**



The Consultant shall develop Temporary Traffic Control Plans (TTCP) for all work performed under this contract. The TTCPs will include provisions to maintain vehicular access. Plans will include necessary signage, temporary striping and notes. Assume two phases of construction.

The Consultant will provide the pavement design. Standard FDOT shoulder pavement design will be used for the shoulder.

An ADA minimum width sidewalk will be designed on the north side of the project.

The CONSULTANT shall provide the following plan sheets:

- Roadway Typical Section
- Roadway General Notes
- Roadway Project Layout, Profile, and Plan
- TTCP sheets
- TTCP Detail Sheets
  - Advance Warning Layout
  - Typical Section
  - TTCP Notes
  - Pedestrian and bicyclist maintenance plan layouts

The Consultant will coordinate with the County for restrictions on lane closures and incorporate the County MOT guidelines.

#### **Drainage/Hydraulics**

The Consultant shall perform a Bridge Hydraulic Report (BHR) and scour analysis. All design work shall comply with the requirements of the appropriate regulatory agencies and the County's policies. The Consultant shall coordinate fully with the appropriate permitting agencies and the County's staff. Specific Design tasks will include Ditch Design, BHR, Temporary Drainage Analysis, Erosion Control and SWPPP. A maximum of four drainage structures will be designed if needed.

The CONSULTANT shall provide the following plan sheets:

- Bridge Hydraulic Recommendation Sheet
- Drainage Structures (if needed)
- Erosion Control Sheet
- Stormwater Pollution Prevention Plan Requirements

All drainage plan sheets will be included in the Roadway component plan set.

#### **Utility Coordination**

The Consultant will prepare utility permit documentation for the relevant agencies and perform a utility search for any utilities in the vicinity that may conflict with the intended work. The consultant will coordinate utility permitting and certify utility clearance.

The Consultant will send letters and plans electronically to each utility identified in the Sunshine One Call (811) requesting type, size, location, easements, and voltage levels.

**Preliminary Utility Meeting:** The Consultant shall schedule (time and place), notify participants, and conduct a preliminary meeting with all UAO(s) having facilities located within the project limits for the purpose of presenting the project, review current design schedule, evaluate the utility information collected, discuss the utility work by highway contractor option with each utility, and discuss any future issues that may impact utilities. This is also an opportunity for the UAO(s) to present proposed facilities.

Individual/Field Meetings: The Consultant shall meet with each UAO as necessary, separately, or together, throughout the project duration to provide guidance in the interpretation of plans, review changes to the plans and schedules, standard or selective clearing and grubbing work, and assist in the development of the UAO(s) plans and work schedules. These field meetings will take place at 60%, 90%, and Final.

SUE services will be conducted by the Consultant.

The Consultant shall review utility marked up plans and work schedules as they are received for content and coordinate review with the designer.

Any required utility relocation sheets will be included in the Roadway component plan set.

### **Environmental Support and Permitting**

#### **Environmental Permitting Requirements**

The project will require environmental permits or authorizations and coordination with the Northwest Florida Water Management District (NFWFMD) and the Florida Department of Environmental Protection (FDEP). It is anticipated that proposed improvements will meet the requirements of an exemption to the Environmental Resource Permit (ERP) regulations (Chapter 62-330, F.A.C.) or qualify for a General Permit. Additionally, the project is anticipated to qualify for a General Permit under the State 404 Program. It is not anticipated that the project will require coordination or consultation with the U.S. Coast Guard (USCG), the U.S. Army Corps of Engineers (USACE), the U.S. Fish and Wildlife Service (USFWS), the National Marine Fisheries Service (NMFS), or the Florida Fish and Wildlife Conservation Commission (FWC).

#### **Environmental Assessment**

KCA environmental scientists will perform a field review of the project site to document environmental conditions and prepare an Environmental Technical Memorandum to support environmental permitting efforts. Environmental scientists will delineate the boundaries of jurisdictional wetlands and surface waters in accordance with Chapter 62-340 Florida Administrative Code (F.A.C.), Delineation of the Landward Extent of Wetlands and Surface Waters.

#### **Environmental Permitting**

KCA will coordinate environmental permitting with the NFWFMD and the FDEP. As needed, KCA will prepare the permit applications, submit it to the County for review, incorporate County comments, and submit to the regulatory agencies. The Consultant will pay any permit fees. The project as currently proposed is not anticipated to result in wetland impacts or impacts that will require mitigation. As a result, mitigation planning and design are not included in this scope of services.

#### **Protected Species Coordination**

Concurrent with the environmental assessment field review, KCA environmental scientists will conduct a general protected species survey. It is anticipated that the proposed improvement activities will not require involvement with protected species. As a result, coordination and consultation with the NMFS, USFWS, and FWC will likely not be required. Species specific surveys are not included in this scope of services.

#### **Signing & Pavement Marking**

The Consultant will analyze and document Signing & Pavement Marking Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums. The Consultant will perform all efforts required for field data collection, and investigation in accordance with the FDOT's Manual on Uniform Traffic Studies.

The CONSULTANT shall provide the following plan sheets:

- General Notes

- Plan Sheets
- Typical Details

### **Geotechnical Services**

The Consultant will perform all geotechnical services required to complete the project including:

- 1 Geotech Report
- Roadway Soil Survey – to support roadway design
- 12 borings along roadway reconstruction

### **Public Involvement**

Anticipated activities include:

- Development of Public Involvement Plan
- Development of Notification letter to elected officials, private property owners
- Development of two PowerPoint presentations
- Two public meetings
  - Site selection and coordination
  - Preparation of meeting notification mailer
  - Newspaper display ad
  - Meeting exhibit templates
  - Sign-in sheet
  - Comment Form
  - Flyer/Door hanger preparation
  - Fact Sheet

### **Plans and Specifications**

The Consultant will create the Specifications workbook, prepare quantities, cost estimate, construction schedule and Technical Special Provisions (TSP), as needed. Plans will be developed in AutoCAD format on 11”x17” sheets.

The Consultant will make 5 submittals, 30%, 60%, 90%, 100%, and Final. Plans will be developed using Digital Delivery methods.

A 90% plans-in-hand walkthrough will take place with County staff.

The Consultant will certify Contractor redlines to establish project as-builts. The consultant will verify the as-built load rating.

The Consultant shall develop a design report to include all design calculations, a detailed construction cost estimate, and Estimated Quantities Report (EQR).

### **Bidding Assistance**

The Consultant will aid in preparing a bid package for the County to use for putting the project out to bid. The Consultant will also review contractor bids, attend the pre-bid meeting, and answer any bid questions.

### **Post Design Assistance**

Items to be included in the project will consist of: attendance of the pre-construction meeting, responding to requests for information that are relayed to the Consultant through the Construction Engineer or changes as proposed by the Contractor at the Construction Engineer’s request, reviewing material requests and shop drawing submittals as requested by the County, and attending on-site meetings (including final inspection) as requested to discuss any construction issues as they relate to design.

Submittals shall be reviewed and processed in accordance with the procedures outlined in the latest Structure Design Guidelines, County policies, and at the direction of the County.

3. LIMITATIONS

The Consultant will use the County provided survey performed in 2020 for design.

An Estimated Quantities Report will not be provided.

4. OPTIONAL SERVICES (Not anticipated to be needed)

Additional R/W needs – Survey is included for any additional R/W required

Mitigation – Environmental, Drainage, Permitting, Geotechnical, Survey, Cultural and Contamination Services are included for any mitigation planning and design

Protected Species – Environmental, Permitting, Species Survey, and formal consultation for Oval Pigtoe Mussels are included for any protected species involvement.

5. COUNTY RESPONSIBILITIES

The County shall provide copies of As-Built drawings, existing plans, existing survey, or any other pertinent or more recent information at the Consultant's request.

The County will provide and maintain a mailing list of parties which must be notified for the public meetings.

6. BEGINNING AND LENGTH OF SERVICES

The above outlined services shall begin upon the receipt of the Notice to Proceed from the County. Final plans and specifications will be delivered in accordance with the County's production schedule.

7. COMPENSATION

Compensation for the above services shall be a lump sum amount in accordance with the attached Summary Fee Sheet. Optional services will be compensated as a limited amount on an as needed basis in accordance with the attached Summary Fee Sheet.

Sincerely,



Patrick D. Mulhearn, P.E.  
Project Manager

ID	Task Mod	Task Name	Duration	Start	Finish	1, 2023							Half 2, 2023					Half 1, 2024					Half 2, 2024					Half 1, 2025					Half 2, 2025		Half 1, 2026							
						F	M	A	M	J	J	A	S	O	N	D	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
0		<b>Devine Farms Rd over 11 Mile Creek Branch Bridge Replacement</b>	<b>743 days</b>	<b>Wed 3/22/23</b>	<b>Fri 1/23/26</b>																																					
1		<b>General Project Tasks</b>																																								
2		Notice To Proceed	1 day	Wed 3/22/23	Wed 3/22/23																																					
3		Kickoff Meeting	1 day	Thu 3/23/23	Thu 3/23/23																																					
4		R/W Notification Letter	5 days	Thu 3/23/23	Wed 3/29/23																																					
5		Community Awareness Plan (CAP)	20 days	Fri 3/24/23	Thu 4/20/23																																					
6		Submit Utility Ticket	1 day	Fri 3/31/23	Fri 3/31/23																																					
7		Submit QA/QC Plan	1 day	Fri 3/31/23	Fri 3/31/23																																					
8		<b>Design</b>																																								
9		Prepare Typical Section Package	10 days	Fri 3/24/23	Thu 4/6/23																																					
10		Review Typical Section Package	10 days	Fri 4/7/23	Thu 4/20/23																																					
11		Prepare Final Typical Section Package	10 days	Fri 4/21/23	Thu 5/4/23																																					
12		Prepare BDR/30% Plans	40 days	Wed 4/5/23	Tue 5/30/23																																					
13		Typical Section Package Approval	10 days	Fri 5/5/23	Thu 5/18/23																																					
14		Prepare Preliminary BHR	35 days	Wed 5/10/23	Tue 6/27/23																																					
15		Review BDR/30% Plans	10 days	Wed 5/31/23	Tue 6/13/23																																					
16		Review Preliminary BHR	10 days	Wed 6/28/23	Tue 7/11/23																																					
17		Prepare Final BHR	20 days	Wed 7/12/23	Tue 8/8/23																																					
18		Prepare 60% Plans	35 days	Wed 6/14/23	Tue 8/1/23																																					
19		Review 60% Plans	10 days	Wed 8/2/23	Tue 8/15/23																																					
20		Prepare 90% Plans	25 days	Wed 9/6/23	Tue 10/10/23																																					
21		Submit Bridge Number Request to FDOT	1 day	Wed 10/11/23	Wed 10/11/23																																					
22		Review 90% Plans	10 days	Wed 10/11/23	Tue 10/24/23																																					
23		Prepare 100% Final Draft Plans	10 days	Wed 10/25/23	Tue 11/7/23																																					
24		Prepare Final Plans	5 days	Thu 12/14/23	Wed 12/20/23																																					
25		<b>Permitting</b>																																								
26		Wetland Delineation/Field Review	20 days	Fri 3/24/23	Thu 4/20/23																																					
27		Pre-App Meeting	1 day	Tue 4/25/23	Tue 4/25/23																																					
28		Prepare Permit Applications	20 days	Wed 7/5/23	Tue 8/1/23																																					
29		Review Permit Applications	10 days	Wed 8/2/23	Tue 8/15/23																																					
30		Submit Permit Applications to Agencies	5 days	Wed 8/16/23	Tue 8/22/23																																					
31		Agency Permit Review	30 days	Wed 8/23/23	Tue 10/3/23																																					
32		Agency RAI Response	15 days	Wed 10/4/23	Tue 10/24/23																																					
33		Agency RAI Response Review	30 days	Wed 10/25/23	Tue 12/5/23																																					
34		Permit Issuance	1 day	Wed 12/6/23	Wed 12/6/23																																					
35		<b>Survey &amp; R/W</b>																																								
36		Survey	30 days	Wed 3/29/23	Tue 5/9/23																																					
37		R/W Control Maps	35 days	Wed 5/10/23	Tue 6/27/23																																					
38		Review Control Maps	10 days	Wed 6/28/23	Tue 7/11/23																																					



# Exhibit C

## Base Fee

### ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Devine Farms Rd Bridge Design  
 County: Escambia County  
 FPN: PD 22-23.049  
 FAP No.: 1/0/1900

Consultant Name: Kisinger Campo & Associates (KCA)  
 Consultant No.: enter consultants proj. number  
 Date: 4/5/2023  
 Estimator: insert name

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Chief Engineer	Senior Engineer	Project Engineer	Engineer	Engineering Intern	Senior Engineering Technician	Engineering Technician	Chief Scientist	Senior Environmental Specialist	Environmental Specialist	CEI Senior Project Engineer	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$244.80	\$281.75	\$245.88	\$171.67	\$148.51	\$114.72	\$124.87	\$102.39	\$220.15	\$171.17	\$92.64	\$264.24			
3. Project General and Project Common Tasks	260	39	13	13	39	78	78	0	0	0	0	0	0	260	\$43,633	\$167.82
4. Roadway Analysis	334	0	0	50	50	100	134	0	0	0	0	0	0	334	\$51,101	\$153.00
5. Roadway Plans	146	0	0	22	0	29	22	58	15	0	0	0	0	146	\$21,018	\$143.96
6a. Drainage Analysis	256	0	0	38	38	78	102	0	0	0	0	0	0	256	\$39,152	\$152.94
6b. Drainage Plans	59	0	0	8	0	12	9	24	6	0	0	0	0	59	\$8,393	\$142.25
8. Environmental Permits and Env. Clearances	166	0	0	0	0	0	0	0	0	16	75	75	0	166	\$23,308	\$140.41
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	232	22	12	35	35	0	93	35	0	0	0	0	0	232	\$38,420	\$165.60
10. Structures - Bridge Development Report	156	16	8	24	23	0	62	23	0	0	0	0	0	156	\$26,005	\$166.70
13. Structures - Medium Span Concrete Bridge	292	28	15	44	44	0	117	44	0	0	0	0	0	292	\$48,369	\$165.65
17. Structures - Retaining Walls	84	8	4	12	13	0	34	13	0	0	0	0	0	84	\$13,791	\$164.18
19. Signing & Pavement Marking Analysis	82	0	0	4	12	25	33	8	0	0	0	0	0	82	\$11,541	\$140.74
20. Signing & Pavement Marking Plans	24	0	0	1	4	7	10	2	0	0	0	0	0	24	\$3,369	\$140.38
<b>Total Staff Hours</b>	<b>2,091</b>	<b>113</b>	<b>52</b>	<b>251</b>	<b>258</b>	<b>329</b>	<b>694</b>	<b>207</b>	<b>21</b>	<b>16</b>	<b>75</b>	<b>75</b>	<b>0</b>	<b>2,091</b>		
<b>Total Staff Cost</b>		<b>\$27,662.40</b>	<b>\$14,651.00</b>	<b>\$61,715.88</b>	<b>\$44,290.86</b>	<b>\$48,859.79</b>	<b>\$79,615.68</b>	<b>\$25,848.09</b>	<b>\$2,150.19</b>	<b>\$3,522.40</b>	<b>\$12,837.75</b>	<b>\$6,948.00</b>	<b>\$0.00</b>		<b>\$328,102.04</b>	<b>\$156.91</b>

Check = \$328,102.04

Survey Field Days by Subconsultant  
 4 - Person Crew.

Notes:

- This sheet to be used by Prime Consultant to calculate the Grand Total fee.
- Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:				\$328,102.04
OVERHEAD:		0%		\$0.00
OPERATING MARGIN:		0%		\$0.00
FCCM (Facilities Capital Cost Money):		0.00%		\$0.00
EXPENSES:		0.00%		\$0.00
Survey (Field - if by Prime)	0	4-person crew days @	\$ - / day	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$328,102.04</b>
Subconsultant:	Alex Roark Engineering, Inc			\$25,992.61
Subconsultant:	American Acquisition Group			\$0.00
Subconsultant:	Quest Corporation of America, Inc			\$11,775.51
Subconsultant:	Southeastern Survey & Mapping Corp			\$15,400.00
Subconsultant:	Tierra, Inc			\$37,257.13
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$418,527.29</b>
Geotechnical Field and Lab Testing (Tierra, Inc)				\$39,126.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$457,653.29</b>
Optional Services				\$247,407.84
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$705,061.13</b>

Project Activity 3: General Tasks

Base Fee

Estimator:						Devine Farms Rd Bridge Design PD 22-23.049
<b>Representing</b>		<b>Print Name</b>			<b>Signature / Date</b>	
FDOT District						
Consultant Name						
<b>NOTE: Signature Block is optional, per District preference</b>						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.1	Public Involvement					
3.1.1	Community Awareness Plan	LS	1	0	0	
3.1.2	Notifications	LS	1	0	0	
3.1.3	Preparing Mailing Lists	LS	1	0	0	
3.1.4	Median Modification Letters	LS	1	0	0	
3.1.5	Driveway Modification Letters	LS	1	0	0	
3.1.6	Newsletters	LS	1	0	0	
3.1.7	Renderings and Fly Throughs	LS	1	0	0	
3.1.8	PowerPoint Presentation	LS	1	0	0	
3.1.9	Public Meeting Preparations	LS	1	0	0	
3.1.10	Public Meeting Attendance/Followup	LS	1	0	0	
3.1.11	Other Agency Meetings	LS	1	0	0	
3.1.12	Web Site	LS	1	0	0	
<b>3.1 Public Involvement Subtotal</b>					<b>0</b>	
3.2	Joint Project Agreements	EA	0	0	0	
3.3	Specifications & Estimates					
3.3.1	Specifications Package Preparation	LS	1	16	16	FDOT Big 3 Specs
3.3.2	Cost Estimate	Report	0	Calculated Hours 0	20	Roadway, Structures, Drainage, TTCP, S&PM
		Components	0			
3.4	Contract Maintenance and Project Documentation	LS	1	40	40	12 hrs initial setup + 2 hrs/month * 10 months + 8 hrs closeout
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0	
3.6	Prime Consultant Project Manager Meetings	LS	1	26	26	See listing below
3.7	Plans Update	LS	1	0	0	
3.8	Post Design Services	LS	1	120	120	Pre-Bid meeting (8hrs), Pre-Con meeting (8hrs), Field kickoff (8hrs), Final inspection (8hrs), 4 Field reviews (@ 8hrs each = 32hrs), Shop Drawing Reviews (4 @ 2hrs each = 8hrs), RFM (4 @ 2hrs = 8hrs), RFI (10 @ 2hrs = 20hrs), Bidding Assistance/Review of Bids (12hrs), Certify Contractor redlines for as-builts (8hr)
3.9	Digital Delivery	LS	1	14	14	4 hrs initial (structures) + 2 hrs/additional * 5 additional (roadway, TTCP, Geotech, drainage, S&PM)
3.10	Risk Assessment Workshop	LS	1	0	0	
3.11	Railroad, Transit, and/or Airport Coordination	LS	1	0	0	
3.11.1	Aeronautical Evaluation	LS	1	0	0	
3.12	Landscape and Existing Vegetation Coordination	LS	1	0	0	
3.13	Other Project General Tasks	LS	1	24	24	Public Involvement Coordination, includes meeting attendance at 2 meetings
<b>3. Project Common and Project General Tasks Total</b>					<b>260</b>	



Project Activity 3: General Tasks

Base Fee

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
<b>3.6 - List of Project Manager Meetings</b>						
		Units	No of Units	Hours/ Unit	Total Hours	Comments
	Roadway Analysis	EA	0	0	0	
	Drainage	EA	0	0	0	
	Utilities	EA	1	4	4	Coordination meeting
	Environmental	EA	1	2	2	Pre-app meeting
	Structures	EA	0	0	0	
	Signing & Pavement Marking	EA	0	0	0	
	Signalization	EA	0	0	0	
	Lighting	EA	0	0	0	
	Landscape Architecture	EA	0	0	0	
	Survey	EA	0	0	0	
	Photogrammetry	EA	0	0	0	
	ROW & Mapping	EA	0	0	0	
	Terrestrial Mobile LIDAR	EA	0	0	0	
	Architecture	EA	0	0	0	
	Noise Barriers	EA	0	0	0	
	ITS Analysis	EA	0	0	0	
	Geotechnical	EA	0	0	0	
	Progress Meetings	EA	0	0	0	
	Phase Reviews	EA	2	2	4	Virtual
	Field Reviews	EA	2	8	16	2 field reviews. Includes prep, travel, field time, documentation
	<b>Total Project Manager Meetings</b>		6		26	Total PM Meeting Hours carries to Task 3.6 above

**Notes:**

1. If the hours per meeting vary in length (hours) enter the average in the hour/unit column.
2. Do not double count agency meetings between permitting agencies.
3. Project manager meetings are calculated in each discipline sheet and brought forward to Column D, except for Photogrammetry.

**Project Activity 4: Roadway Analysis**

**Base Fee**

Estimator: Diana P. Ramirez, P.E.

Devine Farms Rd Bridge Design

PD 22-23.049

Representing	Print Name	Signature / Date
Escambia County		
Kisinger Campo & Associates (KCA)	Diana P. Ramirez	

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Typical Section Package	LS	1	16	16	Use 12 hrs for base work (data sheet, location map, and the first Typical Section/roadway) + 4 hrs bridge typical
4.2	Pavement Type Selection Report	LS	1	0	0	N/A
4.3	Pavement Design Package	LS	1	12	12	Use 12 hours for initial set up and developing one pavement design. Use standard FDOT shoulder pavement design.
4.4	Cross-Slope Correction	LS	1	0	0	N/A
4.5	Horizontal /Vertical Master Design Files	LS	1	160	160	Realignment of appx. 800' of two lane road /assume 400' on each side of bridge to tie to existing roadway. Each side of the bridge will need S curves with radii over 333' (for local road), to tie from 2' higher bridge and bridge realignment to existing ground/alignment, and accommodating for truck traffic. Additional ~400' of new roadway on east side. Includes sidewalk on north side of reconstruction
4.6	Access Management	LS	1	0	0	N/A
4.7	Roundabout Final Design Analysis	LS	1	0	0	N/A
4.8	Cross Section Design Files	LS	1	22	22	Middle range use 100 hours per mile at 100' spacing (100/5280 *1200 = 22) round hours.
4.9	Temporary Traffic Control Plan Analysis	LS	1	24	24	1. Lane Closure Analysis 2. Work Zone Typical Sections (2-3 typical). Will need to design for elevation difference in addition to alignment shift (Level I 16-80 hrs base) Use 16, add 8 hours for additional analysis due to profile difference and realignment. Does not include accomodations for pedestrian/bicycles.
4.10	Master TTCP Design Files	LS	1	24	24	2 Phase Construction, 0.25 miles @ 12 hrs per phase
4.11a	Selective Clearing and Grubbing of Existing VegetationField Assessment	LS	1	0	0	N/A
4.11b	Selective Clearing and Grubbing Site Inventory of Existing Vegetation and Cross-Discipline Coordination (OPTIONAL SERVICES)	LS	1	0	0	N/A
4.11c	Selective Clearing and Grubbing- Existing Vegetation Maintenance Report	LS	1	0	0	N/A
4.12	Tree Disposition Plan	LS	1	0	0	N/A
4.13	Design Variations and Exceptions	LS	1	0	0	None anticipated
4.14	Design Report	LS	1	12	12	Use 12 hours for Simplified Roadway Design Report
4.15	Roadway Quantities	Length (Miles)	0.00	Calculated Hours	6	
		Complexity	Low Range			
		Interchanges Rest Areas	0			
4.16	TTCP Quantities	Complexity	Standard	Calculated Hours	6	
		Major Phases	0			
4.17	Cost Estimate	LS	1	8	8	Five submittals (30%, 60%, 90%, 100% and Final). Includes initial estimate, pay item cost updates, and all necessary work to update the ECE.
4.18	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	None anticipated
4.19	Other Roadway Analyses	LS	1	0	0	
<b>Roadway Analysis Technical Subtotal</b>					<b>290</b>	

**Project Activity 4: Roadway Analysis**

**Base Fee**

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.20	Field Reviews	LS	1	8	8	1 field review one person (8 hours each review)
4.21	Monitor Existing Structures	LS	1	0	0	
4.22	Technical Meetings	LS	1	2	2	Meetings are listed below
4.23	Quality Assurance/Quality Control	LS	%	5%	15	
4.24	Independent Peer Review	LS	%	0%	0	
4.25	Supervision	LS	%	3%	9	
<b>Roadway Analysis Nontechnical Subtotal</b>					<b>34</b>	
4.26	Coordination	LS	%	3%	10	
<b>4. Roadway Analysis Total</b>					<b>334</b>	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Typical Section	EA	1	1	1	1 online meetings with Roadway EOR (1 hour e.a.)	yes	2
Pavement	EA	1	1	1	1 online meetings with Roadway EOR (1 hour e.a.)	no	0
Access Management	EA	0	0	0			0
15% Line and Grade	EA	0	0	0			0
Driveways	EA	0	0	0			0
Local Governments (cities, counties, MPO)	EA	0	0	0			0
Work Zone Traffic Control	EA	0	0	0			0
30/60/90/100% Comment Review Meetings	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
<b>Subtotal Technical Meetings</b>				<b>2</b>			<b>2</b>
<b>Subtotal Project Manager Meetings</b>							<b>2</b>
Progress Meetings (if required by FDOT)	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>		--
Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>		--
<b>Total Meetings</b>				<b>2</b>	<b>Total Project Manager Meetings (carries to Tab 3)</b>		<b>2</b>

Carries to 4.21

Carries to Tab 3

**Project Activity 5: Roadway Plans**  
Base Fee

Estimator: Diana P. Ramirez, P.E.

Devine Farms Rd Bridge Design  
PD 22-23.049

Representing	Print Name	Signature / Date
Escambia County		
Kisinger Campo & Associates (KCA)	Diana P. Ramirez	

**NOTE: Signature Block is optional, per District preference**

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Key Sheet		Sheet	6	1	6	
5.2	Typical Section Sheets						
5.2.1	Typical Sections		EA	2	8	16	One typical for roadway and one typical for bridge
5.2.2	Typical Section Details		EA	2	8	16	Assume two details one at each end of the project to tie-in to existing ground
5.3	General Notes/Pay Item Notes		Sheet	1	16	16	Includes notes to reviewers
5.4	Project Layout		Sheet	1	4	4	One sheet at scale 100
5.5	Plan/Profile Sheet		Sheet	0	0	0	
5.6	Profile Sheet		Sheet	2	4	8	2 sheets (1200')
5.7	Plan Sheet		Sheet	2	4	8	2 sheets (1200')
5.8	Special Profile		Sheet	0	0	0	N/A
5.9	Back-of-Sidewalk Profile Sheet		Sheet	0	0	0	(Sidewalk will follow typical section and profile)
5.10	Interchange Layout Sheet		Sheet	0	0	0	N/A
5.11	Ramp Terminal Details (Plan View)		Sheet	0	0	0	N/A
5.12	Intersection Layout Details		Sheet	0	0	0	N/A
5.13	Special Details		EA	2	8	16	Assume two special details
5.14	Cross-Section Pattern Sheets		Sheet	0	0	0	N/A
5.15	Roadway Soil Survey Sheets		Sheet	1	1	1	Sheet provided by Geotechnical Discipline
5.16	Cross Sections		EA	10	0.25	3	Use 1000' including tie-in

**Project Activity 5: Roadway Plans**  
Base Fee

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments	
5.17	Temporary Traffic Control Plan Sheets		Sheet	2	6	12	1. General Notes/Phasing Notes 2. Work Zone Typical Sections (2-3 phases)	
5.18	Temporary Traffic Control Cross Section Sheets		EA	8	0.25	2	Assume 4 cross sections on either side of the bridge due to grade difference and realignment total 8 cross sections	
5.19	Temporary Traffic Control Detail Sheets		Sheet	2	6	12	Assume two sheets for layout details	
5.20	Utility Adjustment Sheets		Sheet	2	4	8	Show on roadway sheets	
5.21	Selective Clearing and Grubbing Sheets							
5.21.1	Selective Clearing and Grubbing		Sheet	0	0	0	N/A	
5.21.2	Selective Clearing and Grubbing Details		Sheet	0	0	0	N/A	
5.22	Tree Disposition Sheets							N/A
5.22.1	Tree Disposition Plan Sheets		Sheet	0	0	0	N/A	
5.22.2	Tree Disposition Plan Tables and Schedules		Sheet	0	0	0	N/A	
5.23	Project Control Sheets		Sheet	1	1	1	Sheet provided by Survey	
5.24	Environmental Detail Sheets		Sheet	0	0	0		
5.25	Utility Verification Sheets (SUE Data)		Sheet	1	6	6	Use 6 hours for SUE information sheet	
<b>Roadway Plans Technical Subtotal</b>						<b>135</b>		
5.26	Quality Assurance/Quality Control		LS	%	5%	7		
5.27	Supervision		LS	%	3%	4		
<b>5. Roadway Plans Total</b>						<b>146</b>		

**Project Activity 6a: Drainage Analysis**

**Base Fee**

Estimator:

Devine Farms Rd Bridge Design

PD 22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.1	Drainage Map Hydrology	Per Map	1	6	6	Drainage Area for BHRS
6a.2	Base Clearance Calculations	Per Location	0	0	0	N/A
6a.3	Pond Siting Analysis and Report	Per Basin	0	0	0	N/A
6a.4	Design of Cross Drains	EA	0	0	0	N/A
6a.5	Design of Ditches	Per Ditch Mile	0.25	15	4	
6a.6	Design of Stormwater Management Facility (Offsite or Infield Pond)	EA	0	0	0	N/A
6a.7	Design of Stormwater Management Facility (Roadside Treatment Swales and Linear Ponds)	Per Cell	0	0	0	N/A
6a.8	Design of Floodplain Compensation	Per Floodplain Basin	0	0	0	N/A
6a.9	Design of Storm Drains	EA	4	3	12	
6a.10	Optional Culvert Material	EA	0	0	0	N/A - All RCP
6a.11	French Drain Systems	Per Cell	0	0	0	N/A
6a.11.1	Existing French Drain Systems	Per Cell	0	0	0	N/A
6a.12	Drainage Wells	EA	0	0	0	N/A
6a.13	Drainage Design Documentation Report	LS	1	0	0	N/A
6a.14	Bridge Hydraulic Report	EA	1	160	160	No floodway
6a.15	Temporary Drainage Analysis	LS	1	10	10	
6a.16	Drainage Quantities	Drainage Structures	4	Calculated Hours 8	6	
6a.17	Cost Estimate	LS	1	8	8	
6a.18	Technical Special Provisions / Modified Special Provisions	LS	1	0	0	N/A
6a.19	Hydroplaning Analysis	LS	1	0	0	N/A
6a.20	Existing Permit Analysis	LS	1	4	4	Permit Assistance
6a.21	Other Drainage Analysis	LS	1	0	0	N/A
6a.22	Noise Barrier Evaluation	LS	1	0	0	N/A
6a.23	Erosion Control Plan	Per Mile	0.5	4	2	
<b>Drainage Analysis Technical Subtotal</b>					<b>212</b>	

**Project Activity 6a: Drainage Analysis**

**Base Fee**

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.24	Field Reviews	LS	1	8	8	
6a.25	Technical Meetings	LS	1	12	12	Meetings are listed below
6a.26	Environmental Look-Around (ELA) Meeting	LS	1	0	0	N/A
6a.27	Quality Assurance/Quality Control	LS	%	5%	11	
6a.28	Independent Peer Review	LS	%	0%	0	N/A
6a.29	Supervision	LS	%	3%	6	
<b>Drainage Analysis Nontechnical Subtotal</b>					<b>37</b>	
6a.30	Coordination	LS	%	3%	7	
<b>6a. Drainage Analysis Total</b>					<b>256</b>	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Base Clearance Water Elevation	EA	0	0	0			0
Pond Siting	EA	0	0	0			0
Agency	EA	1	4	4			0
Local Governments (cities, counties)	EA	2	4	8			0
FDOT Drainage	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
<b>Subtotal Technical Meetings</b>				<b>12</b>			<b>0</b>
Progress Meetings (if required by FDOT)	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>		--
Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>		--
<b>Total Meetings</b>				<b>12</b>	<b>Total Project Manager Meetings (carries to Tab 3)</b>		<b>0</b>

Carries to 6a.25

Carries to Tab 3

**6b. Drainage Plans**  
Base Fee

Estimator: <b>6b. Drainage Plans Staff Hours</b> <span style="float: right;">Devine Farms Rd Bridge Design PD 22-23.049</span>									
Representing		Print Name						Signature / Date	
FDOT District									
Consultant Name									
<i>NOTE: Signature Block is optional, per District preference</i>									
Task No.	Task	Project Parameter			Staff Hours				Documentation
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.
6b.1	Drainage Map (Including Interchanges)	Length (Miles)	0.00		0	0	0	0	N/A
6b.2	Bridge Hydraulics Recommendation Sheets	Bridges	1		32	0	0	0	
6b.3	Drainage Structures	Drainage Structures	4		16	0	0	0	
		Details	1		3	0	0	0	
6b.4	Lateral Ditches	Ditches	0	Standard	0	0	0	0	N/A
			0	Complex	0	0	0	0	N/A
		Cross Section Alignments	0		0	0	0	0	N/A
6b.5	Retention/Detention/Floodplain Compensation Ponds	Ponds	0	Standard	0	0	0	0	N/A
			0	Complex	0	0	0	0	N/A
		Cross Section Alignments	0		0	0	0	0	N/A
6b.6	Erosion Control Plan	Length (Miles)	0.50	Mid Range	2	0	0	0	
6b.7	SWPPP		1	Standard	6	0	0	0	
<b>Drainage Plans Technical Subtotal</b>					<b>59</b>	<b>0</b>	<b>0</b>	<b>59</b>	
6b.8	Quality Assurance/Quality Control	%	1	5%	3			0	
6b.9	Supervision	%	1	3%	2			0	
<b>6. Drainage Plans Total</b>								<b>59</b>	



Project Activity 8: Environmental Permits

# Base Fee

Estimator:

Devine Farms Rd Bridge Design  
PD 22-23.049

Representing FDOT District	Print Name	Signature / Date
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
<b>Environmental Permits and Environmental Clearances</b>						
8.1	Preliminary Project Research	LS	1	4	4	GIS data download, species data, bird use, wetlands, adjacent permits, etc.
<b>Permits</b>						
8.2	Field Work					
8.2.1	Post Site Alternatives	per pond site	0	0	0	N/A
8.2.2	Establish Wetland Jurisdictional Lines and Assessments	LS	1	12	12	1 person x 4 hours + 8 hours travel = 12 hours
8.2.3	Species Surveys	LS	1	0	0	Species specific surveys not included, general species survey to be conducted during wetland delineation
8.3	Agency Verification of Wetland Data	LS	1	12	12	Assumes one joint agency field review
<b>8.4 Complete and Submit All Required Permit Applications</b>						
8.4.1	Complete and Submit All Required Wetland Permit Applications	LS	1	110	110	Assumes ERP Exemption or GP and State 404 GP, includes Environmental Memo
8.4.2	Complete and Submit All Required Species Permit Applications	LS	1	0	0	N/A
8.5	Coordinate and Review Drudge and Fill Sketches	LS	1	4	4	Review sketches
<b>8.6 Complete and Submit Documentation for Coordination and/or USCG Permit Application</b>						
8.6.1	Prepare and submit required documents for USCG coordination	LS	1	0	0	N/A
8.6.2	Complete and submit USCG Bridge Application	LS	1	0	0	N/A
8.7	Prepare Water Management District or Local Water Control District Right of Way Occupancy Permit Application	LS	1	0	0	N/A
8.8	Prepare Coastal Construction Control Line (CCCL) Permit Application	LS	1	0	0	N/A
8.9	Prepare USACE Section 408 Application to Alter a Civil Works Project	LS	1	0	0	N/A
8.10	Compensatory Mitigation Plan	LS	1	0	0	Assumes no mitigation will be required, mitigation planning not included
8.11	Mitigation Coordination and Meetings	LS	1	0	0	Assumes no mitigation will be required, mitigation planning not included
8.12	Regulatory Agency Support	LS	1	0	0	N/A
<b>Environmental Clearances/Reevaluations</b>						
<b>8.13 Technical support to Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only)</b>						
8.13.1	NEPA or SEIR Reevaluation	LS	1	0	0	
8.13.2	Archaeological and Historical Resources	LS	1	0	0	
8.13.3	Wetland Impact Analysis	LS	1	0	0	
8.13.4	Essential Fish Habitat Impact Analysis	LS	1	0	0	
8.13.5	Protected Species and Habitat Impact Analysis	LS	1	0	0	
<b>8.14 Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)</b>						
8.14.1	NEPA or SEIR Reevaluation	LS	1	0	0	
8.14.2	Archaeological and Historical Resources	LS	1	0	0	
8.14.3	Wetland Impact Analysis	LS	1	0	0	
8.14.4	Essential Fish Habitat Impact Analysis	LS	1	0	0	
8.14.5	Protected Species and Habitat Impact Analysis	LS	1	0	0	
8.15	Other Environmental Permits	LS	1	0	0	
8.16	Contamination Impact Analysis	LS	1	0	0	
8.17	Asbestos Survey	LS	1	0	0	
<b>Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal</b>						<b>142</b>
8.18	Technical Meetings	LS	1	8	8	Meetings are listed below
8.19	Quality Assurance/Quality Control	LS	%	5%	7	
8.20	Supervision	LS	%	3%	4	
<b>Environmental Permits and Environmental Clearances Nontechnical Subtotal</b>						<b>19</b>
8.21	Coordination	LS	%	3%	5	
<b>8. Environmental Permits and Environmental Clearances Total</b>						<b>166</b>

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
WMD	EA	1	4	4	Pre-application meeting and meeting prerequisites		0
WMSD	EA	0	0	0			0
USACE	EA	0	0	0			0
USCG	EA	0	0	0			0
USFWS	EA	0	0	0			0
FPWCC	EA	0	0	0			0
FDOT	EA	0	0	0			0
Other Meetings	EA	1	4	4	FDEP pre-application meeting and meeting prerequisites		0
<b>Subtotal Technical Meetings</b>						<b>Subtotal Project Manager Meetings</b>	<b>0</b>
Progress Meetings (if required by FDOT)						PM attendance at Progress Meetings is manually entered on General Task 3	--
Phase Review Meetings						PM attendance at Phase Review Meetings is manually entered on General Task 3	--
<b>Total Meetings</b>						<b>Total Project Manager Meetings (carries to Tab 3)</b>	<b>0</b>

Continued to Tab 3

Continued to Tab 3

**Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings**

Base Fee

Estimator:

Devine Farms Rd Bridge Design

PD 22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Units	Design and Production Staffhours				Comments
			No. of Units	Hours per Unit	No. of Sheets	Total	
<b>General Drawings</b>							
9.1	Key Sheet and Index of Drawings	Sheet	1	6	1	6	
9.2	Project Layout	Sheet	0	0	0	0	
9.3	General Notes and Bid Item Notes	Sheet	1	16	1	16	Prefabricated Bridge
9.4	Miscellaneous Common Details	Sheet	0	0	0	0	
9.5	Incorporate Report of Core Borings	Sheet	1	1	1	1	
9.6	Standard Plans- Bridges	LS	1	7		7	30' Approach Slabs 400-090 Bearing Pads 400-510 Bar Bending Details 415-001 Concrete Piles 455-001 Concrete Pile Splices 455-002 Concrete Pile EDC Instrumentation 455-003 18" Concrete Piles 455-024
9.7	Existing Bridge Plans	LS	1	0		0	
9.8	Structures Quantities	Bridges	1	Calculated Hours  20		8	
		Walls	2				
		Box Culverts	0				
9.9	Cost Estimate	LS	1	8		8	
9.10	Technical Special Provisions and Modified Special Provisions	LS	1	16		16	Incorporate Manufacturer spec for Prefabricated Bridge
<b>Structures - Summary and Miscellaneous Tasks and Drawings</b>					3	62	

**Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings**

Base Fee

Task No.	Task	Total	Task 10	Task 11	Task 12	Task 13	Task 14	Task 15	Task 16	Task 17	Task 18
10-16	Bridge 1	448	156	0	0	292	0	0	0		
10-16	Bridge 2	0									
10-16	Bridge 3	0									
10-16	Bridge 4	0									
10-16	Bridge 5	0									
10-16	Bridge 6	0									
10-16	Bridge 7	0									
10-16	Bridge 8	0									
10-16	Bridge 9	0									
10-16	Bridge 10	0									
17	Retaining Walls	84								84	
18	Miscellaneous Structures	0									0
<b>Structures Technical Subtotal</b>		532	156	0	0	292	0	0	0	84	0
Task No.	Task	Units	No. of Units	Hours per Unit	Total	Comments					
9.11	Field Reviews	LS	1	8	8	One reviews. Includes prep, travel, field time, documentation					
9.12	Technical Meetings	LS	1	14	14	Meetings are listed below					
9.13	Quality Assurance/Quality Control	LS	%	5%	30						
9.14	Independent Peer Review	LS	1	0	0						
9.15	Supervision	LS	%	3%	18						
<b>Structures Nontechnical Subtotal</b>					70						
9.16	Coordination	LS	1	100	100	24 hrs Roadway - new roadway 12 hrs Utilities 18 hrs Permitting 12 hrs Geotech 14 hrs Hydraulics 20 hrs Prefab Bridge manufacturer					
<b>9. Structures - Summary and Miscellaneous Tasks and Drawings</b>					232						

**Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings**

Base Fee

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
BDR Coordination/Review	EA	1	4	4			0
90/100% Comment Review	EA	1	2	2			0
Aesthetics Coordination	EA	0	0	0			0
Regulatory Agency	EA	0	0	0			0
Local Governments (cities, counties)	EA	0	0	0			0
Utility Companies	EA	2	4	8			0
Other Meetings	EA	0	0	0			0
<b>Subtotal Technical Meetings</b>				<b>14</b>			<b>0</b>
Progress Meetings (if required by FDOT)	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>		- -
Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>		- -
<b>Total Meetings</b>				<b>14</b>	<b>Total Project Manager Meetings (carries to Tab 3)</b>		<b>0</b>

Carries to 9.12

Carries to Tab 3

**Project Activity 10: BDR**

**Base Fee**

Estimator:

Devine Farms Rd Bridge Design

Bridge Identifier (Number or Name):

PD 22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

**NOTE: Signature Block is optional, per District preference**

Task No.	Task	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
<b>General Requirement</b>							
10.1	Bridge Geometry	LS	1	8		8	Normal Ends, tangent, phase construction
10.2	Ship Impact Data Collection	LS	1	0		0	
10.3	Ship Impact Criteria	EA	0	0		0	
<b>Superstructure Alternatives</b>							
10.4	Short Span Concrete Bridge	EA ALT	0	0		0	
10.5	Medium Span Concrete Bridge	EA ALT	0	0		0	
10.6	Long Span Concrete Bridge	EA ALT	0	0		0	
10.7	Structural Steel Bridge	EA ALT	0	0		0	
<b>Foundation &amp; Substructure Alternatives</b>							
10.8	Pier/Bent	EA Type	1	8		8	Bents
10.9	Shallow Foundations / GRS Abutments	EA Type	1	8		8	
10.10	Deep Foundations	EA Foundation Evaluated	2	12		24	18" PCP, Steel Pipe Pile
<b>Movable Span</b>							
10.11	Data Collection and Design Criteria	LS	1	0		0	
10.12	Movable Span Geometrics and Clearances	LS	1	0		0	
10.13	Deck System Evaluation	LS	1	0		0	
10.14	Framing Plan Development	LS	1	0		0	
10.15	Main Girder Preliminary Design	LS	1	0		0	
10.16	Conceptual Span Balance/Counterweight	LS	1	0		0	

**Project Activity 10: BDR Base Fee**

Task No.	Task	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
10.17	Support System Development	LS	1	0		0	
10.18	Drive Power Calculations	LS	1	0		0	
10.19	Drive System Development	LS	1	0		0	
10.20	Power and Control Development	LS	1	0		0	
10.21	Conceptual Pier Design	LS	1	0		0	
10.22	Foundation Analysis (FL PIER)	LS	1	0		0	
10.23	Tender Visibility Study	LS	1	0		0	
<b>Other BDR Issues</b>							
10.24	Aesthetics	LS	1	0		0	
10.25	TTCP/Staged Construction Requirements	LS	1	12		12	Phased Construction
10.26	Constructibility Requirements	LS	1	0		0	
10.27	Load Rating for damaged/widened structures	EA Unit	1	0		0	
10.28	Quantity and Cost Estimates	EA ALT	4	8		32	1 Superstructure alts 1 Substructure alts 2 Foundation alts
10.29	Quantity and Cost Estimates - Movable Span	LS	1	0		0	
10.30	Wall Type Justification	LS	1	0		0	
<b>Report Preparation</b>							
10.31	Exhibits	EA SHEET	5	8		40	1 Location Map 1 Plan & Elevation 1 Typical Sections 1 Substructures 1 TTCP staging
10.32	Exhibits - Movable Span	EA SHEET	0	0		0	
10.33	Report Preparation	LS	1	24		24	Simplified Bridge Technical Memo
10.34	Report Preparation - Movable Span	LS	1	0		0	
10.35	BDR Submittal Package	LS	1	0		0	
<b>10. Structures - Bridge Development Report Total</b>						<b>156</b>	
<b>When ONLY 30% plans are final deliverable, use Task Nos. as shown for applicable bridge types for project Activities 12 thru 16. Staffhours to be negotiated and scaled appropriately.</b>							

**Project Activity 13: Structures- Medium Span Concrete**

**Base Fee**

Estimator:

Devine Farms Rd Bridge Design

Bridge Identifier (Number or Name):

PD 22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
<b>General Layout Design and Plans</b>							
13.1	Overall Bridge Final Geometry	LS	1	12		12	
13.2	Expansion/Contraction Analysis	EA Unit	0	0		0	Prefabricated Bridge
13.3	General Plan and Elevation	Sheet	1	32	1	32	
13.4	Construction Staging	Sheet	2	20	2	40	
13.5	Approach Slab Plan and Details	Sheet	1	12	1	12	
13.6	Miscellaneous Details	Sheet	0	0	0	0	
<b>End Bent Design and Plans</b>							
13.7	End Bent Geometry	EA End Bent	2	8		16	
13.8	Wingwall Design and Geometry	EA End Bent	2	8		16	
13.9	End Bent Structural Design	EA Design	1	16		16	
13.10	End Bent Plan and Elevation	Sheet	2	16	2	32	
13.11	End Bent Details	Sheet	3	16	3	48	
<b>Intermediate Bent Design and Plans</b>							
13.12	Bent Geometry	EA Bent	0	0		0	
13.13	Bent Stability Analysis	EA Design	0	0		0	
13.14	Bent Structural Design	EA Design	0	0		0	
13.15	Bent Plan and Elevation	Sheet	0	0	0	0	
13.16	Bent Details	Sheet	0	0	0	0	
<b>Pier Design and Plans</b>							
13.17	Pier Geometry	EA Pier	0	0		0	
13.18	Pier Stability Analysis	EA Design	0	0		0	
13.19	Pier Structural Design	EA Design	0	0		0	
13.20	Pier Plan and Elevation	Sheet	0	0	0	0	
13.21	Pier Details	Sheet	0	0	0	0	
<b>Miscellaneous Substructure Design and Plans</b>							
13.22	Foundation Layout	Sheet	1	12	1	12	

**Project Activity 13: Structures- Medium Span Concrete**

**Base Fee**

Task No.	Task	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
<b>Superstructure Deck Design and Plans</b>							
13.23	Finish Grade Elevation (FGE) Calculation	LS	0	0		0	
13.24	Finish Grade Elevations	Sheet	0	0	0	0	
13.25	Bridge Deck Design	EA Section	0	0		0	
13.26	Bridge Deck Reinforcing and Concrete Quantities	EA Unit	0	0		0	
13.27	Diaphragm Design	EA Section	0	0		0	
13.28	Superstructure Plan	Sheet	0	0	0	0	
13.29	Superstructure Section	Sheet	0	0	0	0	
13.30	Miscellaneous Superstructure Details	Sheet	0	0	0	0	
<b>Reinforcing Bar Lists</b>							
13.3	Preparation of Reinforcing Bar List	Sheet	2	8	2	16	
<b>Continuous Concrete Girder Design</b>							
13.3	Section Properties	LS	1	0		0	
13.3	Material Properties	LS	1	0		0	
13.3	Construction Sequence	EA Unit	0	0		0	
13.4	Tendon Layouts	EA Unit	0	0		0	
13.4	Live Load Analysis	EA Unit	0	0		0	
13.4	Temperature Gradient	EA Unit	0	0		0	
13.4	Time Dependent Analysis	EA Unit	0	0		0	
13.39	Stress Summary	EA Unit	0	0		0	
13.40	Ultimate Moments	EA Unit	0	0		0	
13.4	Ultimate Shear	EA Unit	0	0		0	
13.4	Construction Loading	EA Unit	0	0		0	
13.4	Framing Plan	Sheet	0	0	0	0	
13.4	Girder Elevation, including Grouting Plan and Vent Locations	Sheet	0	0	0	0	
13.5	Girder Details	Sheet	0	0	0	0	
13.5	Erection Sequence	Sheet	0	0	0	0	
13.5	Splice Details	Sheet	0	0	0	0	
13.5	Girder Deflections and Camber	Sheet	0	0	0	0	
<b>Simple Span Concrete Design</b>							
13.49	Prestressed Beam	EA Design	0	0		0	
13.50	Prestressed Beam Schedules	Sheet	0	0	0	0	
13.51	Framing Plan	Sheet	0	0	0	0	
<b>Beam Stability</b>							
13.52	Beam/girder stability	EA Unit	0	0		0	
<b>Bearing</b>							
13.53	Bearing pad and bearing plate design	Type/ Span	3	8		24	
13.54	Bearing pad and bearing plate details	Sheet	2	8	2	16	
<b>Load Rating</b>							
13.55	Load Ratings	Per Beam	0	0		0	By Prefabricated Bridge Manufacturer
<b>13. Structures - Medium Span Concrete Bridge Total</b>					<b>14</b>	<b>292</b>	



**Project Activity 17: Retaining Walls**

**Base Fee**

Estimator:

Devine Farms Rd Bridge Design

PD 22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
<b>General Requirements</b>							
17.1	Key Sheet	Sheet	0	0	0	0	No separate component set
17.2	Horizontal Wall Geometry	Per Wall	2	2		4	1 MSE wall at each end bent
<b>Permanent Proprietary Walls</b>							
17.3	Vertical Wall Geometry	Per Wall	2	8		16	1 MSE wall at each end bent
17.4	Semi-Standard Drawings	Sheet	1	4	1	4	
17.5	Wall Plan and Elevations (Control Drawings)	Sheet	2	16	2	32	Show 1 MSE wall per sheet
17.6	Details	Sheet	0	0	0	0	
<b>Temporary Proprietary Walls</b>							
17.7	Vertical Wall Geometry	Per Wall	0	0		0	
17.8	Semi-Standard Drawings	Sheet	0	0	0	0	
17.9	Wall Plan and Elevations (Control Drawings)	Sheet	0	0	0	0	
17.10	Details	Sheet	0	0	0	0	
<b>Cast-in-Place Retaining Walls</b>							
17.11	Design	EA Design	0	0		0	
17.12	Vertical Wall Geometry	EA Wall	0	0		0	
17.13	General Notes	Sheet	0	0	0	0	
17.14	Wall Plan and Elevations (Control Drawings)	Sheet	0	0	0	0	
17.15	Sections and Details	Sheet	0	0	0	0	
17.16	Reinforcing Bar List	Sheet	0	0	0	0	
<b>Other Retaining Walls and Bulkheads</b>							
17.17	Design	EA Design	1	8		8	Two CTSP Walls, 1 Design
17.18	Vertical Wall Geometry	EA Wall	2	4		8	
17.19	General Notes, Tables and Misc. Details	Sheet	1	4	1	4	
17.20	Wall Plan and Elevations	Sheet	1	8	1	8	
17.21	Details	Sheet	0	0	0	0	
<b>17. Structures - Retaining Walls Total</b>					<b>5</b>	<b>84</b>	

**Project Activity 19: Signing and Pavement Marking Analysis**

Base Fee

Estimator:

Devine Farms Rd Bridge Design

PD 22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

**NOTE: Signature Block is optional, per District preference**

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
19.1	Traffic Data Analysis	LS	1	0	0	
19.2	No Passing Zone Study	LS	1	0	0	N/A
19.3	Signing and Pavement Marking Master Design File	LS	1	42	42	30 hrs set up + 0.3 miles x 40 hrs = 58 hrs (realignment of appx. 1,400' or two lane road)
19.4	Multi-Post Sign Support Calculations	EA	2	3	6	
19.5	Sign Panel Design Analysis	EA	2	3	6	
19.6	Sign Lighting/Electrical Calculations	EA	1	0	0	
19.7	S&PM Quantities	Length (Miles)	0.30	Calculated Hours	6	
		Complexity	Low Range			
		Interchanges Rest Areas	0			
19.8	Cost Estimate	LS	1	6	6	4 submittals
19.9	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
19.10	Other Signing and Pavement Marking	LS	1	0	0	
<b>Signing and Pavement Marking Analysis Technical Subtotal</b>					<b>66</b>	
19.11	Field Reviews	LS	1	8	8	1 field review one people (8 hours each review)
19.12	Technical Meetings	LS	1	1	1	Meetings are listed below
19.13	Quality Assurance/Quality Control	LS	%	5%	3	
19.14	Independent Peer Review	LS	%	0%	0	
19.15	Supervision	LS	%	3%	2	
<b>Signing and Pavement Marking Analysis Nontechnical Subtotal</b>					<b>14</b>	
19.16	Coordination	LS	%	3%	2	
<b>19. Signing and Pavement Marking Analysis Total</b>					<b>82</b>	

**Project Activity 19: Signing and Pavement Marking Analysis**

Base Fee

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
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Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Sign Panel Design	EA	1	1	1			0
Queue Length Analysis	EA	0	0	0			0
Local Governments (cities, counties)	EA	0	0	0			0
30/60/90/100% Comment Review Meetings	EA	0	0	0			0
<b>Subtotal Technical Meetings</b>				<b>1</b>		<b>Subtotal Project Manager Meetings</b>	<b>0</b>
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		--
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		--
<b>Total Meetings</b>				<b>1</b>		<b>Total Project Manager Meetings (carries to Tab 3)</b>	<b>0</b>

Carries to 19.12

Carries to Tab 3

Base Fee

Estimator: <b>20. Signing and Pavement Marking Plans</b>								
Representing			Print Name					
FDOT District								
Consultant Name								
NOTE: Signature Block is optional, per District preference								
Task No.	Task	Project Parameter			Staff Hours			
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated
20.1	Key Sheet		1		0	0	0	0
	Signature Sheet		0		0	0	0	0
20.2	General Notes/Pay Item Notes		1	Standard	5	0	9	9
20.3	Project Layout		0		0	0	0	0
20.4	Plan Sheet	Length (Miles)	0.30	Mid Range	7	0	7	7
		Sig Intersection Mid-Block Xing	0		0	0	0	0
		Interchange Roundabout	0		0	0	0	0
		Rest Area Toll Facility	0		0	0	0	0
20.5	Special Details	Details	0	Simple	0	0	0	0
			0	Standard	0	0	0	0
			0	Complex	0	0	0	0
20.6	Service Point Details	Service Point	0	Simple	0	0	0	0
			0	Standard	0	0	0	0
20.7	Guide Sign Data	Sign Panel	0		0	0	0	0
20.8	Cross Sections (Sign Installations)	Multi-post signs	0		0	0	0	0
		Overhead Sign Structures	2	Standard	12	0	6	6
			0	Complex	0	0	0	0
<b>S&amp;PM Plans Technical Hours Subtotal</b>					<b>24</b>	<b>0</b>	<b>22</b>	<b>22</b>
20.9	Quality Assurance/Quality Control	%	1	5%	2			1
20.10	Supervision	%	1	3%	1			1
<b>S&amp;PM Plans Total</b>								<b>24</b>

Carries to Summary Tab

Alex Roark Engineering - Utilities Base Fee

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Devine Farms Bridge Design  
 County: Escambia  
 FPN: 22-23.049  
 FAP No.: 1/0/1900

Consultant Name: Alex Roark Engineering  
 Consultant No.: enter consultants proj. number  
 Date: 4/4/2023  
 Estimator: insert name

Staff Classification	Total Staff Hours From 'SH Summary Firm'	Project Manager	Staff Classification 2	Staff Classification 3	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$68.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	130	130	0	0	0	0	0	0	0	0	0	0	0	130	\$8,840	\$68.00
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$0	\$0.00
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	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	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	130	130	1	0	0	0	0	0	0	0	0	0	0	131		
<b>Total Staff Cost</b>		\$8,840.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$8,840.00	\$67.48

Notes:  
 1. This sheet to be used by Subconsultant to calculate its fee.

SALARY RELATED COSTS:				\$8,840.00
OVERHEAD:		168%		\$14,848.55
OPERATING MARGIN:		26%		\$2,298.40
FCCM (Facilities Capital Cost Money):		0.06%		\$5.66
EXPENSES:		0.00%		\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$25,992.61</b>
Survey (Field)	0	4-person crew	\$ - / day	\$0.00
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$25,992.61</b>
Optional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$25,992.61</b>

**Project Activity 7: Utilities**

Base Fee  
 Alex Roark Engineering - Utilities  
 Devine Farms Bridge Design  
 22-23.049

Estimator:

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

**NOTE: Signature Block is optional, per District preference**

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
7.1	Utility Kickoff Meeting	LS	1	2	2	Meeting is listed below
7.2	Identify Existing Utility Agency Owner(s)	LS	8	1	8	8 Utilities 1 hr per utility
7.3	Make Utility Contacts	LS	8	2	16	8 Utilities 2 hr per utility
7.4	Exception Processing	LS	1	0	0	Not anticipated
7.5	Preliminary Utility Meeting	LS	1	0	0	Meeting is listed below
7.6	Individual/Field Meetings	LS	1	24	24	Meetings are listed below
7.7	Collect and Review Plans and Data from UAO(s)	LS	8	3	24	8 Utilities 3 hr per utility
7.8	Subordination of Easements Coordination	LS	1	0	0	Not anticipated
7.9	Utility Design Meeting	LS	1	0	0	Meeting is listed below
7.10	Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements	LS	8	2	16	8 Utilities 2 hr per utility
7.11	Utility Coordination/Followup	LS	1	0	0	Not anticipated
7.12	Utility Constructability Review	LS	1	0	0	Not anticipated
7.13	Additional Utility Services	LS	1	0	0	Not anticipated
7.14	Processing Utility Work by Highway Contractor (UWHC)	LS	1	0	0	Not anticipated
7.15	Contract Plans to UAO(s)	LS	8	3	24	8 Utilities 3 hr per utility, includes utility adjustment sheets
7.16	Certification/Close-Out	LS	8	2	16	8 Utilities 2 hr per utility
7.17	Other Utilities	LS	1	0	0	Not anticipated
<b>7. Utilities Total</b>					<b>130</b>	

**Project Activity 7: Utilities**

Base Fee  
Alex Roark Engineering - Utilities

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff (see 7.1)	EA	1	2	2	Teams meeting		0
Preliminary Meeting (see 7.5)	EA	0	0	0			0
Individual UAO Meetings (see 7.6)	EA	0	0	0			0
Field Meetings (see 7.6)	EA	3	8	24	Plans in hand meeting for 60%, 90% and Final		0
Design Meeting (see 7.9)	EA	0	0	0			0
Other Meetings <i>(this is automatically added into Utilities Total (cell F27))</i>	EA	0	0	0			0
<b>Total Meetings</b>				<b>26</b>	<b>Total Project Manager Meetings (carries to Tab 3)</b>		<b>0</b>

Carries to Tab 3

Quest - Public Involvement Base Fee

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Devine Farms Bridge Design  
 County: Escambia  
 FPN: PD 22-23.049  
 FAP No.: 54321

Consultant Name: Kisinger Campo & Associates / Quest Marketin  
 Consultant No.: enter consultants proj. number  
 Date: 4/4/2023  
 Estimator: Kiana Schaefer

Staff Classification	Total Staff Hours From "SH Summary - Firm"	COS Sr.	COS	Staff Classification 3	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By	Salary Cost By	Average Rate Per
		\$38.46	\$31.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Activity	Activity
3. Project General and Project Common Tasks	106	85	21	0	0	0	0	0	0	0	0	0	0	106	\$3,920	\$36.98
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	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	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	106	85	21	0	0	0	0	0	0	0	0	0	0	106		
<b>Total Staff Cost</b>		\$3,269.10	\$651.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$3,920.31	\$36.98

Check = \$3,920.31

Survey Field Days by Subconsultant  
 4 - Person Crew:

- Notes:  
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:				\$3,920.31
OVERHEAD:		141.62%		\$5,551.94
OPERATING MARGIN:		42.00%		\$1,646.53
FCCM (Facilities Capital Cost Money):		0.092%		\$3.61
EXPENSES:		16.66%		\$653.12
Survey (Field - if by Prime)	0	4-person crew days @	\$ - / day	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$11,775.51</b>
Subconsultant: Quest				\$0.00
Subconsultant: Sub 2				\$0.00
Subconsultant: Sub 3				\$0.00
Subconsultant: Sub 4				\$0.00
Subconsultant: Sub 5				\$0.00
Subconsultant: Sub 6				\$0.00
Subconsultant: Sub 7				\$0.00
Subconsultant: Sub 8				\$0.00
Subconsultant: Sub 9				\$0.00
Subconsultant: Sub 10				\$0.00
Subconsultant: Sub 11				\$0.00
Subconsultant: Sub 12				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$11,775.51</b>
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$11,775.51</b>
Optional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$11,775.51</b>



**Project Activity 3: General Tasks**

Base Fee  
Quest - Public Involvement

Estimator: John Mills						Devine Farms Bridge Design PD 22-23.049	
<b>Representing</b>		<b>Print Name</b>				<b>Signature / Date</b>	
FDOT District							
Consultant Name		Quest Marketing & Communications					
<b>NOTE: Signature Block is optional, per District preference</b>							
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments	
3.1	Public Involvement						
3.1.1	Community Awareness Plan	LS	1	20	20	Development of Community Awareness Plan including all appendices.	
3.1.2	Notifications	LS	1	8	8	Includes the preparation of a draft notification letter/flyer/door hanger for review by the County.	
3.1.3	Preparing Mailing Lists	LS	1	0	0	Escambia to provide and maintain mailing list	
3.1.4	Median Modification Letters	LS	1	0	0		
3.1.5	Driveway Modification Letters	LS	1	0	0		
3.1.6	Newsletters	LS	1	0	0		
3.1.7	Renderings and Fly Throughs	LS	1	0	0		
3.1.8	PowerPoint Presentation	LS	2	2	4	KCA to assemble PowerPoint	
3.1.9	Public Meeting Preparations	LS	2	25	50	Includes preparation of materials for the two anticipated in-person public meetings (meeting material is consistent for each meeting with minor updates before each meeting). Includes development of meeting notification mailer; newspaper display ad; meeting exhibit templates; sign-in sheet; comment form; flyer/door-hanger preparation; fact sheet; court reporter selection if needed; and the County's review of all deliverables.	
3.1.10	Public Meeting Attendance/Followup	LS	2	12	24	Development of two public meeting summaries including copies of all slides, boards, handouts, completed sign-in sheets and comment forms. Two Quest individuals will attend each meeting in-person with two public meetings anticipated. Also includes travel, site selection, set up and tear down of all meeting materials/facilities associated with it.	
3.1.11	Other Agency Meetings	LS	1	0	0		
3.1.12	Web Site	LS	1	0	0		
<b>3.1 Public Involvement Subtotal</b>					<b>106</b>		

**Project Activity 3: General Tasks**

Base Fee  
Quest - Public Involvement

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.2	Joint Project Agreements	EA	0	0	0	
3.3	Specifications & Estimates					
3.3.1	Specifications Package Preparation	LS	1	0	0	
3.3.2	Estimated Quantites Report Preparation	Report	0	Calculated Hours	0	
		Components	0	0		
3.4	Contract Maintenance and Project Documentation	LS	1	0	0	
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0	
3.6	Prime Consultant Project Manager Meetings	LS	1	0	0	See listing below
3.7	Plans Update	LS	1	0	0	
3.8	Post Design Services	LS	1	0	0	
3.9	Digital Delivery	LS	1	0	0	
3.10	Risk Assessment Workshop	LS	1	0	0	
3.11	Railroad, Transit, and/or Airport Coordination	LS	1	0	0	
3.11.1	Aeronautical Evaluation	LS	1	0	0	
3.12	Landscape and Existing Vegetation Coordination	LS	1	0	0	
3.13	Other Project General Tasks	LS	1	0	0	
<b>3. Project Common and Project General Tasks Total</b>					<b>106</b>	

**Project Activity 3: General Tasks**

Base Fee  
Quest - Public Involvement

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
<b>3.6 - List of Project Manager Meetings</b>						
		Units	No of Units	Hours/ Unit	Total Hours	Comments
	Roadway Analysis	EA	0	0	0	
	Drainage	EA	0	0	0	
	Utilities	EA	0	0	0	
	Environmental	EA	0	0	0	
	Structures	EA	0	0	0	
	Signing & Pavement Marking	EA	0	0	0	
	Signalization	EA	0	0	0	
	Lighting	EA	0	0	0	
	Landscape Architecture	EA	0	0	0	
	Survey	EA	0	0	0	
	Photogrammetry	EA	0	0	0	
	ROW & Mapping	EA	0	0	0	
	Terrestrial Mobile LiDAR	EA	0	0	0	
	Architecture	EA	0	0	0	
	Noise Barriers	EA	0	0	0	
	ITS Analysis	EA	0	0	0	
	Geotechnical	EA	0	0	0	
	Progress Meetings	EA	0	0	0	
	Phase Reviews	EA	0	0	0	
	Field Reviews	EA	0	0	0	
<b>Total Project Manager Meetings</b>			0		0	Total PM Meeting Hours carries to Task 3.6 above

**Notes:**

1. If the hours per meeting vary in length (hours) enter the average in the hour/unit column.
2. Do not double count agency meetings between permitting agencies.
3. Project manager meetings are calculated in each discipline sheet and brought forward to Column D, except for Photogrammetry.

SSMC - SUE Base Fee

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Devine Farms road from Margaret Olivia Drive to Witt Drive(Optional Services)  
 County: Escambia  
 FPN: PD-22-23.049  
 FAP No.: 54321

Consultant Name: KCA  
 Consultant No.: enter consultants proj. number  
 Date: 4/3/2023  
 Estimator: insert name

Staff Classification	Total Staff Hours From 'SH Summary Firm'	Survey Project	Senior surveyor	Cadd Tech	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	\$200.00	\$165.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	30	2	10	18	0	0	0	0	0	0	0	0	0	30	\$3,850	\$128.33
28. Photogrammetry	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	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	30	2	10	18	0	0	0	0	0	0	0	0	0	30		
<b>Total Staff Cost</b>		\$400.00	\$1,650.00	\$1,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$3,850.00	\$128.33

Check = \$3,850.00

Notes:  
 1. This sheet to be used by Subconsultant to calculate its fee.

SALARY RELATED COSTS:				\$3,850.00
OVERHEAD:		0%		\$0.00
OPERATING MARGIN:		0%		\$0.00
FCCM (Facilities Capital Cost Money):		0.00%		\$0.00
EXPENSES:		0.00%		\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$3,850.00</b>
Survey (Field)	7	4-person crew	\$ 1,650.00 / day	\$11,550.00
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$15,400.00</b>
Optional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$15,400.00</b>

**27. Survey**

SSMC - SUE Base Fee

Estimator:

Devine Farms road from Margaret Olivia Drive to Witt Drive(Optional Services)

PD-22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name	Thomas K.Mead PSMSSMC	

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.1	Horizontal Project Control (HPC)									
	2-Lane Roadway	Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.2	Vertical PC / Bench Line									
	2-Lane Roadway	Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.3	Alignment and Existing R/W Lines									
		Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.4	Aerial Targets			Units/Day						
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
27.5	Reference Points	"A"		Units/Day						
	2-Lane Roadway	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
	Reference Points	"B"		Units/Day						
	Non Alignment Points/Approximate	EA			0.00		0.00		0.00	

**27. Survey**

SSMC - SUE Base Fee

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.6	Topography/DTM (3D)	Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.7	Planimetric (2D)	Mile			0.00		0.00		0.00	
27.8	Roadway Cross-Sections/Profiles	Mile			0.00		0.00		0.00	
27.9	Side Street Surveys	Mile			0.00		0.00		0.00	
27.10	Underground Utilities									Call SSOCOF and coordinate with each utility owner to obtain Field Marking and plans. Provide designation of facilities in areas of concern. Provide 25 SUE Testhole to address areas of conflict and survey each to be added to the database.
	Designates	Mile/Site	0.54	3.70	2.00	2.00	4.00	2.00	4.00	
	Locates	Point	25	0.2	5.00	2.00	10.00	2.00	10.00	
	Survey		0%	7.00	0.00	2.00	0.00	3.00	0.00	
27.11	Outfall Survey	Mile			0.00		0.00		0.00	
27.12	Drainage Survey	EA		Units/Day	0.00		0.00		0.00	
27.13	Bridge Survey	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.14	Channel Survey	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.15	Pond Site Survey	EA			0.00		0.00		0.00	
27.16	Mitigation Survey	Mile			0.00		0.00		0.00	
27.17	Jurisdiction Line Survey	Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.18	Geotechnical Support	EA		Units/Day	0.00		0.00		0.00	

**27. Survey**

SSMC - SUE Base Fee

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.19	Sectional / Grant Survey									
		Corner	0	0.00	0.00	0.00	0.00	0.00	0.00	
		Mile			0.00		0.00		0.00	
27.20	Subdivision Location									
		Block			0.00		0.00		0.00	
27.21	Maintained R/W									
		Mile			0.00		0.00		0.00	
27.22	Boundary Survey									
		EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.23	Water Boundary Survey									
		EA			0.00		0.00		0.00	
27.24	R/W Staking / R/W Line									
		EA			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.25	R/W Monumentation									
		Point			0.00		0.00		0.00	
27.26	Line Cutting									
		Mile			0.00					
27.27	Work Zone Safety									
			0	0	0.00					
27.28	Vegetation Survey									
		LS							0	
27.29	Tree Survey									
		LS							0	
27.30	Miscellaneous Surveys									
			0.00	0	0.00		0.00	0.00	0.00	
<b>Survey Subtotal</b>				<b>Crew Days</b>	<b>7</b>	<b>Field Support Hours</b>	<b>14</b>	<b>Office Support Hours</b>	<b>14</b>	

**27. Survey**

SSMC - SUE Base Fee

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.31	Supplemental Surveys									THE % FOR SUPPLEMENTAL WILL BE DETERMINED AT NEGOTIATIONS. THIS ITEM CAN ONLY BE USED IF AUTHORIZED IN WRITING BY THE DISTRICT SURVEYOR
				7	0		0		0	
27.32	Document Research	Units								
									0	
27.33	Field Reviews	Units								
			0.00						0	
27.34	Technical Meetings	LS								
			0.00						0	
27.35	Quality Assurance / Quality Control	LS								
								5%	1	
27.36	Supervision	LS								
								5%	1	
27.37	Coordination	LS								
								3%	0	
<b>27. Survey Total</b>				<b>Crew Days</b>	<b>7</b>	<b>Field Support Hours</b>	<b>14</b>	<b>Office Support Hours</b>	<b>16</b>	

SPLS =  
 PLS =  
 Office Support =  
 Total Hours = 30

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number	Comments
Kickoff Meeting with FDOT	EA	0	0	0		0	
Baseline Approval Review	EA	0	0	0		0	
Network Control Review	EA	0	0	0		0	
Vertical Control Review	EA	0	0	0		0	
Local Governments (cities, counties)	EA	0	0	0		0	
Final Submittal Review	EA	0	0	0		0	
Other Meetings	EA	0	0	0		0	
<b>Subtotal Technical Meetings</b>				<b>0</b>	<b>Subtotal PM Meetings</b>	<b>0</b>	
Progress Meetings (if required by FDOT)	EA	0	0	0	**	--	
Phase Review Meetings	EA	0	0	0	**	--	
<b>Total Meetings</b>				<b>0</b>	<b>Total PM Mtgs (carries to Tab 3)</b>	<b>0</b>	

Carries to 27.34

Carries to Tab 3

\*\* Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3



Tierra - Geotech Base Fee

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Devine Farms Road Bridge  
 County: Escambia  
 FPN: 0  
 FAP No.: 1/0/1900

Consultant Name: Tierra  
 Consultant No.: enter consultants proj. number  
 Date: 4/5/2023  
 Estimator: insert name

Staff Classification	Total Staff Hours From 'SH Summary Firm'	Chief Engineer 2 \$76.65	Principal Engineer \$75.24	Senior Engineer 1 \$68.16	Chief Scientist \$58.75	Engineer 2 \$58.42	Senior Scientist \$50.23	Senior Engineer 2 \$48.08	Engineering Intern \$43.75	Senior Designer \$42.50	Sr. Engineering \$31.07	Secretary /Clerical \$30.00	Staff Classification 12 \$0.00	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	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	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	227	11	23	34	0	36	0	41	45	11	23	2	0	226	\$12,176	\$53.88
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	227	11	23	34	0	36	0	41	45	11	23	2	0	226		
<b>Total Staff Cost</b>		\$843.15	\$1,730.52	\$2,317.44	\$0.00	\$2,103.12	\$0.00	\$1,971.28	\$1,968.75	\$467.50	\$714.61	\$60.00	\$0.00		\$12,176.37	\$53.88

Check = \$12,176.37

Notes:  
 1. This sheet to be used by Subconsultant to calculate its fee.

SALARY RELATED COSTS:				\$12,176.37
OVERHEAD:		157%		\$19,081.59
OPERATING MARGIN:		39%		\$4,748.78
FCCM (Facilities Capital Cost Money):		0.75%		\$91.20
EXPENSES:		9.52%		\$1,159.19
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$37,257.13</b>
Survey (Field)	0	4-person crew	\$ - / day	\$0.00
Geotechnical Field and Lab Testing				\$39,126.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$76,383.13</b>
Optional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$76,383.13</b>

**35. Geotechnical**

Base Fee  
 Tierra - Geotech  
 Devine Farms Road Bridge  
 0

Estimator: Tierra, Inc.

Representing	Print Name	Signature / Date
FDOT District		
Tierra		

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
	<b>Roadway</b>					
35.1	Document Collection and Review	LS	1	4	4	USDA Soil Survey, USGS, Plans, etc.
35.2	Develop Detailed Boring Location Plan	LS	1	1	1	Auger borings: 13 @ 5' deep = 65 lf
35.3	Stake Borings/Utility Clearance	Boring	0	0	0	Perform in Structures below
35.4	Muck Probing	Crew Day	0	0	0	None
35.5	Coordinate and Develop MOT Plans for Field Investigation	EA	0	0	0	
35.6	Drilling Access Permits	Location	0	0	0	
35.7	Property Clearances	EA	0	0	0	
35.8	Groundwater Monitoring	EA	0	0	0	
35.9	LBR/Resilient Modulus Sampling	EA	2	2.5	5	Collect 2 samples for LBR testing (minor pavement design). 2 samples @ 0.75 hrs/sample + 4 hrs. round trip, say 5 hrs
35.10	Coordination of Field Work	100 lf of boring	0.65	2	1	65 lf of drilling
35.11	Soil and Rock Classification - Roadway	100 lf of boring	0.65	2	1	65 lf of drilling
35.12	Design LBR	LS	1	8	8	2 LBR tests
35.13	Laboratory Data	100 lf of boring	0.65	2	1	65 lf of drilling
35.14	Seasonal High Water Table	Boring	13	0.5	7	13 total borings
35.15	Parameters for Water Retention Areas	EA	0	0	0	
35.16	Delineate Limits of Unsuitable Material	Cross-section	0	0	0	
35.17	Electronic Files for Cross-Sections	100 lf of boring	0.65	2	1	65 lf of drilling
35.18	Embankment Settlement and Stability	Embankment Boring	0	0	0	Minimal embankment fill assumed (less than 2')
35.19	Monitor Existing Structures	LS	1	0	0	
35.20	Stormwater Volume Recovery and/or Background Seepage Analysis	EA	0	0	0	

**35. Geotechnical**

Base Fee  
Tierra - Geotech

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.21	Geotechnical Recommendations	LS	1	4	4	Treatment of problematic soils (Plastic soils expected based on USDA Soil Survey)
35.22	Pavement Condition Survey and Pavement Evaluation Report	LS	1	0	0	
35.23	Preliminary Roadway Report	LS	1	0	0	
35.24	Final Report	EA	1	16	16	1 report only
35.25	Auger Boring Drafting	100 lf boring	0.65	8	5	65 lf of auger borings
35.26	SPT Boring Drafting	100 lf boring	0	0	0	
<b>Roadway Geotechnical Subtotal</b>					<b>54</b>	
<b>Structures</b>						
35.27	Develop Detailed Boring Location Plan	LS	1	2	2	Bridge: 2 @ 125' SPT borings Walls: None Total No. of Borings: 2 Total SPT drilling footage = 250 lf
35.28	Stake Borings/Utility Clearance	Boring	2	1.5	3	Includes travel time
35.29	Coordinate and Develop MOT Plans for Field Investigation	EA	1	3	3	Road closures required to do borings in travel lanes due to limited shoulder and overhead utilities at bridge location.
35.30	Drilling Access Permits	Location	0	0	0	
35.31	Property Clearances	EA	0	0	0	
35.32	Collection of Corrosion Samples	EA	1	1	1	Water Sampling
35.33	Coordination of Field Work	100 lf of boring	2.5	0.7	2	250 lf of drilling
35.34	Soil and Rock Classification - Structures	100 lf of boring	2.5	2.25	6	250 lf of drilling
35.35	Tabulation of Laboratory Data	100 lf of boring	2.5	0.75	2	250 lf of drilling
35.36	Estimate Design Groundwater Level for Structures	EA	0	0	0	
35.37	Selection of Foundation Alternatives (BDR)	Bridge boring	2	4.5	9	2 BDR borings
35.38	Detailed Analysis of Selected Foundation Alternate(s)	Bridge boring	2	9	18	2 bridge borings total
35.39	Bridge Construction and Testing Recommendations	Bridge boring	1	8	8	1 bridge
35.40	Lateral Load Analysis (Optional)	Bridge boring	0	0	0	
35.41	Walls	Wall Boring	2	2.5	5	2 end bent borings to analyze for walls.
35.42	Sheet Pile Wall Analysis (Optional)	Wall Boring	1	2	2	Temporary critical sheets expected. Geotech design parameters.
35.43	Design Soil Parameters for Signs, Signals, High Mast Lights, and Strain Poles and Geotechnical Recommendations	Boring	0	0	0	

**35. Geotechnical**

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.44	Box Culvert Analysis	EA	0	0	0	
35.45	Preliminary Report - BDR	EA	1	21	21	1 report
35.46	Final Report - Bridge and Associated Walls	EA	1	42	42	32 hrs. for 60% report, 12 hrs. for 90% report
35.47	Final Reports - Signs, Signals, Box Culvert, Walls and High Mast Lights	EA	0	0	0	
35.48	SPT Boring Drafting	100 lf of boring	2.5	6.5	16	250 lf of total drilling
35.49	Other Geotechnical	LS	1	0	0	
<b>Structural Geotechnical Subtotal</b>					<b>140</b>	
<b>Geotechnical Technical Subtotal</b>					<b>194</b>	
35.50	Technical Special Provisions and Modified Special Provisions	EA	0	0	0	
35.51	Field Reviews	LS	1	6	6	Identify existing surficial soil/water conditions and existing structure conditions.
35.52	Technical Meetings	LS	1	0	0	Meetings listed below
35.53	Quality Assurance/Quality Control	LS	%	5%	10	
35.54	Supervision	LS	%	5%	10	
<b>Geotechnical Nontechnical Subtotal</b>					<b>26</b>	
35.55	Coordination	LS	%	3%	7	
<b>35. Geotechnical Total</b>					<b>227</b>	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff Meeting with FDOT	EA	1	0	0			0
Boring Layout Approval	EA	1	0	0			0
Attend in BDR Review Meeting	EA	0	0	0			0
30/60/90% Submittal Review	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
<b>Subtotal Technical Meetings</b>				<b>0</b>		<b>Subtotal Project Manager Meetings</b>	<b>0</b>
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		--
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		--
<b>Total Meetings</b>				<b>0</b>	<b>Total Project Manager Meetings (carries to Tab 3)</b>		<b>0</b>

Carries to 35.52

Carries to Tab 3

Item Description	Unit	Unit Price	Quantity	Total
<b>Tierra</b>				
101-Aggregate Carbonates & Organic Matter FM 5-514	Test	\$ 151.00		\$ -
102-Aggregate Org. Impurities S& for Concrete AASHTO T21	Test	\$ 55.00		\$ -
103-Aggregate Shell Content of Coarse Aggregate FM 5-555	Test	\$ 116.00		\$ -
104-Aggregate Sieve Anlsys of Fine & Coarse AASHTO T27	Test	\$ 75.00		\$ -
105-Aggregate Soundness AASHTO T104	Test	\$ 340.00		\$ -
106-Aggregate Specific Gravity/Absorption Coarse AASHTO T85	Test	\$ 92.00		\$ -
107-Aggregate Total Moisture Content by Drying AASHTO T255	Test	\$ 45.00		\$ -
108-Aggregate Unit Mass & Voids AASHTO T19	Test	\$ 56.00		\$ -
109-Aggregate Specific Gravity/Absorption Fine AASHTO T84	Test	\$ 115.00		\$ -
200-Asphalt Bulk Specific Gravity FM 1-T166	Test	\$ 60.00		\$ -
201-Asphalt Content FM 5-563	Test	\$ 145.00		\$ -
204-Asphalt Gradation FM 1-T030	Test	\$ 90.00		\$ -
206-Asphalt Los Angeles (LA) Abrasion Coarse Agg FM 3-C535	Test	\$ 375.00		\$ -
207-Asphalt Los Angeles (LA) Abrasion Small Agg FM 1-T096	Test	\$ 315.00		\$ -
209-Asphalt Pavement Coring – 4" dia with Base Depth Check	Each	\$ 250.00		\$ -
210-Asphalt Pavement Coring – 4" dia without Base Depth Check	Each	\$ 200.00	2	\$ 400.00
211-Asphalt Pavement Coring – 6" dia with Base Depth Check	Each	\$ 275.00		\$ -
212-Asphalt Pavement Coring – 6" dia without Base Depth Check	Each	\$ 225.00		\$ -
300-Concrete Beam Flexural Testing ASTM C78	Test	\$ 60.00		\$ -
301-Concrete Compressive Strength of Grout/Mortar ASTM C109	Test	\$ 33.00		\$ -
302-Concrete Cylinder Curing, Capping & Breaking ASTM C39	Test	\$ 35.00		\$ -
303-Concrete Drilled Cores & Sawed Beams ASTM C42	Test	\$ 60.00		\$ -
305-Concrete Pavement Coring - 4" Dia	Each	\$ 215.00		\$ -
306-Concrete Pavement Coring - 6" Dia	Each	\$ 242.00		\$ -
401-Geo Auger Borings- Hand & Truck/Mud Bug	LF	\$ 11.20	65	\$ 728.00
402-Geo Auger Borings- Track	LF	\$ 15.40		\$ -
403-Geo Backhoe (Owned)	Day	\$ 1,200.00		\$ -
405-Geo Barge (Owned)	Day	\$ 3,110.00		\$ -
407-Geo Chainsaw (Owned)	Day	\$ 95.00		\$ -
415-Geo Double Ring Infiltration ASTM D3385	Each	\$ 575.00		\$ -
416-Geo Dozer (Owned)	Day	\$ 1,600.00		\$ -
418-Geo Drill Crew Support Vehicle	Day	\$ 270.00	6	\$ 1,620.00
422-Geo Extra SPT Samples-Barge/Track/Amphibious 000-050 Ft	Each	\$ 105.00		\$ -
423-Geo Extra SPT Samples-Barge/Track/Amphibious 050-100 Ft	Each	\$ 105.00		\$ -
424-Geo Extra SPT Samples-Barge/Track/Amphibious 100-150 Ft	Each	\$ 120.00		\$ -
425-Geo Extra SPT Samples-Barge/Track/Amphibious 150-200 Ft	Each	\$ 120.00		\$ -
427-Geo Extra SPT Samples-Truck/Mud Bug 000-050 Ft	Each	\$ 105.00	16	\$ 1,680.00
428-Geo Extra SPT Samples-Truck/Mud Bug 050-100 Ft	Each	\$ 105.00	20	\$ 2,100.00
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	\$ 120.00	10	\$ 1,200.00
430-Geo Extra SPT Samples-Truck/Mud Bug 150-200 Ft	Each	\$ 120.00		\$ -
432-Geo Field Permeability 0-10 Ft (Open - End Borehole Method)	Each	\$ 360.00		\$ -
434-Geo Ground Penetrating Radar (GPR)	Hour	\$ 350.00		\$ -
435-Geo Grout Boreholes- Barge/Track/Amphibious 000-050 Ft	LF	\$ 8.90		\$ -
436-Geo Grout Boreholes- Barge/Track/Amphibious 050-100 Ft	LF	\$ 11.25		\$ -
437-Geo Grout Boreholes- Barge/Track/Amphibious 100-150 Ft	LF	\$ 17.25		\$ -
438-Geo Grout Boreholes- Barge/Track/Amphibious 150-200 Ft	LF	\$ 25.00		\$ -
440-Geo Grout Boreholes- Truck/Mud Bug 000-050 Ft	LF	\$ 6.25	100	\$ 625.00
441-Geo Grout Boreholes- Truck/Mud Bug 050-100 Ft	LF	\$ 8.00	100	\$ 800.00
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	\$ 13.10	50	\$ 655.00
443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	\$ 18.00		\$ -
445-Geo Grouted Monitor Well 2" 000-050 Ft	LF	\$ 35.00		\$ -
450-Geo Piezometer 2" 000-050 Ft	LF	\$ 52.00		\$ -
453-Geo Rock Coring Barge/Track/Amphibious 000-050 Ft less than 4" ID	LF	\$ 62.00		\$ -
455-Geo Rock Coring Barge/Track/Amphibious 050-100 Ft less than 4" ID	LF	\$ 78.00		\$ -
457-Geo Rock Coring Barge/Track/Amphibious 100-150 Ft less than 4" ID	LF	\$ 85.00		\$ -
459-Geo Rock Coring Barge/Track/Amphibious 150-200 Ft less than 4" ID	LF	\$ 105.00		\$ -
463-Geo Rock Coring Truck/Mud Bug 000-050 Ft less than 4" ID	LF	\$ 48.00		\$ -
465-Geo Rock Coring Truck/Mud Bug 050-100 Ft less than 4" ID	LF	\$ 55.00		\$ -
467-Geo Rock Coring Truck/Mud Bug 100-150 Ft less than 4" ID	LF	\$ 60.00		\$ -
473-Geo SPT Barge/Track/Amphibious 000-050 Ft	LF	\$ 23.00		\$ -
474-Geo SPT Barge/Track/Amphibious 050-100 Ft	LF	\$ 28.90		\$ -

475-Geo SPT Barge/Track/Amphibious 100-150 Ft	LF	\$ 53.00		\$ -
476-Geo SPT Barge/Track/Amphibious 150-200 Ft	LF	\$ 70.00		\$ -
478-Geo SPT Truck-Mud Bug 0-50 Ft	LF	\$ 15.50	100	\$ 1,550.00
479-Geo SPT Truck-Mud Bug 50-100 Ft	LF	\$ 19.00	100	\$ 1,900.00
480-Geo SPT Truck-Mud Bug 100-150 Ft	LF	\$ 32.00	50	\$ 1,600.00
481-Geo SPT Truck-Mud Bug 150-200 Ft	LF	\$ 42.00		\$ -
483-Geo Temp Casing 3" Barge/Track/Amphibious 0-050 Ft	LF	\$ 14.50		\$ -
484-Geo Temp Casing 3" Barge/Track/Amphibious 50-100 Ft	LF	\$ 17.50		\$ -
485-Geo Temp Casing 3" Barge/Track/Amphibious 100-150 Ft	LF	\$ 21.00		\$ -
486-Geo Temp Casing 3" Barge/Track/Amphibious 150-200 Ft	LF	\$ 27.00		\$ -
488-Geo Temp Casing 3" Truck/Mud Bug 000-050 Ft	LF	\$ 10.30	100	\$ 1,030.00
489-Geo Temp Casing 3" Truck/Mud Bug 050-100 Ft	LF	\$ 14.00	20	\$ 280.00
490-Geo Temp Casing 3" Truck/Mud Bug 100-150 Ft	LF	\$ 17.50		\$ -
491-Geo Temp Casing 3" Truck/Mud Bug 150-200 Ft	LF	\$ 22.00		\$ -
515-Geo Undisturbed Samples Barge/Track/Amphibious 000-050 Ft	Each	\$ 225.00		\$ -
516-Geo Undisturbed Samples Barge/Track/Amphibious 050-100 Ft	Each	\$ 250.00		\$ -
517-Geo Undisturbed Samples Barge/Track/Amphibious 100-150 Ft	Each	\$ 305.00		\$ -
518-Geo Undisturbed Samples Barge/Track/Amphibious 150-200 Ft	Each	\$ 370.00		\$ -
519-Geo Undisturbed Samples Truck/Mud Bug 000-050 Ft	Each	\$ 200.00		\$ -
520-Geo Undisturbed Samples Truck/Mud Bug 050-100 Ft	Each	\$ 210.00		\$ -
521-Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	\$ 225.00		\$ -
522-Geo Undisturbed Samples Truck/Mud Bug 150-200 Ft	Each	\$ 260.00		\$ -
525-Geo Well Development	Hour	\$ 182.00		\$ -
531-Geo Truck/Mudbug Drill Rig and Crew (2-person)	Hour	\$ 220.00		\$ -
532-Geo Truck/Mudbug Drill Rig and Crew (3-person)	Hour	\$ 285.00		\$ -
533-Geo Track/Barge Drill Rig and Crew (2-person)	Hour	\$ 250.00		\$ -
534-Geo Track/Barge Drill Rig and Crew (3-person)	Hour	\$ 345.00		\$ -
535-Geo Clearing Equip- Tractor, Bush Hog Attachment	Day	\$ 1,440.00		\$ -
536-Geo Clearing Equip-Skid Steer/ASV, ForestMulching Attach	Day	\$ 1,600.00		\$ -
537-Geo Clearing Equip-Skid Steer/ASV, Brush Cutter Attach	Day	\$ 1,600.00		\$ -
538-Geo Clearing Equipment	Day	\$ 2,100.00		\$ -
539-Geo Wash Boring for Rock Cores 0-50 Ft	LF	\$ 12.00		\$ -
540-Geo Wash Boring for Rock Cores 50-100 Ft	LF	\$ 12.70		\$ -
541-Geo Wash Boring for Rock Cores 100-150 Ft	LF	\$ 22.00		\$ -
603-Mobilization Asphalt Coring equipment	Each	\$ 385.00		\$ -
606-Mobilization Concrete Coring	Each	\$ 385.00		\$ -
608 Mobilization Drill Rig Amphibious	Each	\$ 11,100.00		\$ -
609-Geo Mobilization Drill Rig Barge Mount	Each	\$ 11,000.00		\$ -
610-Geo Mobilization Drill Rig Track Mount	Each	\$ 3,250.00		\$ -
612-Geo Mobilization Drill Rig Truck Mount	Each	\$ 540.00	1	\$ 540.00
614-Geo Mobilization Mudbug/All Terrain Vehicle	Each	\$ 825.00		\$ -
618-Geo Mobilization Support Boat	Each	\$ 500.00		\$ -
619-Geo Mobilization Tri-Pod	Each	\$ 1,310.00		\$ -
620-Mobilization of Clearing Equipment	Each	\$ 610.00		\$ -
701-MOT Attenuator Truck & 2 Flagment & 1 MOT Supervisor	Day	\$ 2,800.00	4	\$ 11,200.00
702-MOT Channelizing Devices - Type I, II, VP, Drum (each)	Each	\$ 5.00		\$ -
706-MOT Portable Sign	Each	\$ 46.00		\$ -
708-MOT Provide Channelizing Devices - Cone	Each	\$ 5.00		\$ -
710-MOT Shadow Vhcle w/ Adv. Warning Arrow & Attenuator	Hour	\$ 280.00		\$ -
Safety Officers	Hour	\$ 55.00	40	\$ 2,200.00
800-Soils Chloride Soil or Water (FM 5-552)	Test	\$ 110.00		\$ -
803-Soils Consolidation - Constant Strain (ASTM D4186)	Test	\$ 580.00		\$ -
804-Soils Consolidation - Extended Load Increments (AASHTO T216)	Day	\$ 165.00		\$ -
805-Soils Corrosion Series (FM 5-550 through 5-553)	Test	\$ 305.00	7	\$ 2,135.00
806-Soils Direct Shear Consolidated Drained/ Point AASHTO T 236	Test	\$ 362.00		\$ -
810-Soils Limerock Bearing Ratio (LBR)(FM 5-515)	Test	\$ 375.00	2	\$ 750.00
811-Soils Liquid Limit (AASHTO T 89)	Test	\$ 61.00	17	\$ 1,037.00
812-Soils Materials Finer than 200 Sieve (FM 1-T011)	Test	\$ 47.00		\$ -
817-Soils Moisture Content Laboratory (AASHTO T 265)	Test	\$ 17.00	48	\$ 816.00
819-Soils Organic Content Ignition (FM 1 T-267)	Test	\$ 46.00	15	\$ 690.00
821-Soils Particle Size Analysis (AASHTO T 88) (Including Hydrometer)	Test	\$ 200.00		\$ -
822-Soils Particle Size Analysis (AASHTO T 88) (No Hydrometer)	Test	\$ 75.00	32	\$ 2,400.00
823-Soils Permeability Constant Head (AASHTO T 215)	Test	\$ 340.00		\$ -

FN:

Tierra, Inc Base Fee

Devin Farms Road Bridge

Ad Number:

Table 6 Standard Fee Schedule 2022

Escambia Co.

824-Soils Permeability Falling Head (FM 5-513)	Test	\$ 325.00		\$ -
825-Soils pH Soil or Water (FM 5-550)	Test	\$ 45.00		\$ -
826-Soils Plastic Limit & Plasticity Index (AASHTO T 90)	Test	\$ 70.00	17	\$ 1,190.00
827-Soils Proctor Modified (FM 1-T 180)	Test	\$ 130.00		\$ -
828-Soils Proctor Standard (AASHTO T 99)	Test	\$ 130.00		\$ -
829-Soils Resistivity Soil or Water (FM 5-551)	Test	\$ 58.00		\$ -
832-Soils Splitting Tensile Strength of Rock Cores (ASTM D3967)	Test	\$ 150.00		\$ -
833-Soils Sulfate Soil or Water (FM 5-553)	Test	\$ 70.00		\$ -
838-Soils Unconfined Compression - Rock (ASTM D7012, Method C)	Test	\$ 155.00		\$ -

## Optional Services

### ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Devine Farms Rd Bridge Design  
 County: Escambia County  
 FPN: PD 22-23.049  
 FAP No.: 1/0/1900

Consultant Name: Kisinger Campo & Associates (KCA)  
 Consultant No.: enter consultants proj. number  
 Date: 4/5/2023  
 Estimator: insert name

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Chief Engineer	Senior Engineer	Project Engineer	Engineer	Engineering Intern	Senior Engineering Technician	Engineering Technician	Chief Scientist	Senior Environmental Specialist	Environmental Specialist	CEI Senior Project Engineer	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$244.80	\$281.75	\$245.88	\$171.67	\$148.51	\$114.72	\$124.87	\$102.39	\$220.15	\$171.17	\$92.64	\$264.24			
6a. Drainage Analysis	89	0	0	13	13	27	36	0	0	0	0	0	0	89	\$13,568	\$152.45
6b. Drainage Plans	188	0	0	28	0	56	28	75	19	0	0	0	0	206	\$29,724	\$144.29
8. Environmental Permits and Env. Clearances	265	0	0	0	0	0	0	0	0	27	119	119	0	265	\$37,337	\$140.90
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	542	0	0	41	13	83	64	75	19	27	119	119	0	560		
<b>Total Staff Cost</b>		\$0.00	\$0.00	\$10,081.08	\$2,231.71	\$12,326.33	\$7,342.08	\$9,365.25	\$1,945.41	\$5,944.05	\$20,369.23	\$11,024.16	\$0.00		<b>\$80,629.30</b>	<b>\$143.98</b>

Check = \$80,629.30

Survey Field Days by Subconsultant  
4 - Person Crew:

- Notes:  
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

<b>SALARY RELATED COSTS:</b>					\$80,629.30
OVERHEAD:		0%			\$0.00
OPERATING MARGIN:		0%			\$0.00
FCCM (Facilities Capital Cost Money):		0.00%			\$0.00
EXPENSES:		0.00%			\$0.00
Survey (Field - if by Prime)	0	4-person crew days @	\$ -	/ day	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>					<b>\$80,629.30</b>
Subconsultant:	Southeastern Survey & Mapping Corp (Additional R/W + Mitigation)				\$83,620.00
Subconsultant:	Tierra, Inc (Mitigation)				\$40,762.33
Subconsultant:	VHB (Mussel Survey + Mitigation)				\$42,396.21
Subconsultant:					\$0.00
Subconsultant:					\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>					<b>\$247,407.84</b>
Geotechnical Field and Lab Testing (Tierra, Inc)					\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>					<b>\$247,407.84</b>
Optional Services					\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>					<b>\$247,407.84</b>



Optional Services  
Project Activity 6a: Drainage Analysis

Estimator:

Devine Farms Rd Bridge Design  
PD 22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

**NOTE: Signature Block is optional, per District preference**

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.1	Drainage Map Hydrology	Per Map	0	0	0	N/A
6a.2	Base Clearance Calculations	Per Location	0	0	0	N/A
6a.3	Pond Siting Analysis and Report	Per Basin	0	0	0	N/A
6a.4	Design of Cross Drains	EA	0	0	0	N/A
6a.5	Design of Ditches	Per Ditch Mile	0	0	0	N/A
6a.6	Design of Stormwater Management Facility (Offsite or Infield Pond)	EA	0	0	0	N/A
6a.7	Design of Stormwater Management Facility (Roadside Treatment Swales and Linear Ponds)	Per Cell	0	0	0	N/A
6a.8	Design of Floodplain Compensation	Per Floodplain Basin	0	0	0	N/A
6a.9	Design of Storm Drains	EA	0	0	0	N/A
6a.10	Optional Culvert Material	EA	0	0	0	N/A
6a.11	French Drain Systems	Per Cell	0	0	0	N/A
6a.11.1	Existing French Drain Systems	Per Cell	0	0	0	N/A
6a.12	Drainage Wells	EA	0	0	0	N/A
6a.13	Drainage Design Documentation Report	LS	0	0	0	N/A
6a.14	Bridge Hydraulic Report	EA	1	40	40	Modify downstream cross section for any mitigation cut
6a.15	Temporary Drainage Analysis	LS	0	0	0	N/A
6a.16	Drainage Quantities for EQ Report	Drainage Structures	1	Calculated Hours 16	16	Mitigation Quantities (Erosion Control)
6a.17	Cost Estimate	LS	1	8	8	
6a.18	Technical Special Provisions / Modified Special Provisions	LS	0	0	0	N/A
6a.19	Hydroplaning Analysis	LS	0	0	0	N/A
6a.20	Existing Permit Analysis	LS	0	0	0	N/A
6a.21	Other Drainage Analysis	LS	0	0	0	N/A
6a.22	Noise Barrier Evaluation	LS	0	0	0	N/A
6a.23	Erosion Control Plan	Per Mile	1	8	8	
<b>Drainage Analysis Technical Subtotal</b>					<b>72</b>	

Optional Services  
Project Activity 6a: Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.24	Field Reviews	LS	1	8	8	Mitigation Site field review
6a.25	Technical Meetings	LS	0	0	0	Meetings are listed below
6a.26	Environmental Look-Around (ELA) Meeting	LS	0	0	0	N/A
6a.27	Quality Assurance/Quality Control	LS	%	5%	4	
6a.28	Independent Peer Review	LS	%	0%	0	
6a.29	Supervision	LS	%	3%	2	
<b>Drainage Analysis Nontechnical Subtotal</b>					<b>14</b>	
6a.30	Coordination	LS	%	3%	3	
<b>6a. Drainage Analysis Total</b>					<b>89</b>	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Base Clearance Water Elevation	EA	0	0	0			0
Pond Siting	EA	0	0	0			0
Agency	EA	0	0	0			0
Local Governments (cities, counties)	EA	0	0	0			0
FDOT Drainage	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
<b>Subtotal Technical Meetings</b>				<b>0</b>			<b>0</b>
Progress Meetings (if required by FDOT)	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>		--
Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>		--
<b>Total Meetings</b>				<b>0</b>	<b>Total Project Manager Meetings (carries to Tab 3)</b>		<b>0</b>

Carries to 6a.25

Carries to Tab 3

Optional Services  
6b. Drainage Plans

Estimator:										6b. Drainage Plans Staff Hours										Devine Farms Rd Bridge Design PD 22-23.049	
Representing			Print Name							Signature / Date											
FDOT District																					
Consultant Name																					
<i>NOTE: Signature Block is optional, per District preference</i>																					
Task No.	Task	Project Parameter			Staff Hours				Documentation												
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.												
6b.1	Drainage Map (Including Interchanges)	Length (Miles)	0.00		0	0	0	0	N/A												
6b.2	Bridge Hydraulics Recommendation Sheets	Bridges	0		0	0	0	0													
6b.3	Drainage Structures	Drainage Structures	0		0	0	0	0													
		Details	0		0	0	0	0													
6b.4	Lateral Ditches	Ditches	0	Standard	0	0	0	0	N/A												
			0	Complex	0	0	0	0	N/A												
		Cross Section Alignments	0		0	0	0	0	N/A												
6b.5	Retention/Detention/Floodplain Compensation Ponds	Ponds	0	Standard	0	0	0	0	N/A												
			1	Complex	120	0	0	0	Mitigation Drawings												
		Cross Section Alignments	30		60	0	0	0	N/A												
6b.6	Erosion Control Plan	Length (Miles)	1.00	Mid Range	8	0	0	0	Erosion Control at Mitigation Site												
6b.7	SWPPP		0	Standard	0	0	0	0													
<b>Drainage Plans Technical Subtotal</b>					<b>188</b>	<b>0</b>	<b>0</b>	<b>188</b>													
6b.8	Quality Assurance/Quality Control	%	1	5%	10			0													
6b.9	Supervision	%	1	3%	6			0													
<b>6. Drainage Plans Total</b>								<b>188</b>													

# Optional Services

## Project Activity 8: Environmental Permits

Estimator:

Devine Farms Rd Bridge Design  
PD 22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
<b>Environmental Permits and Environmental Clearances</b>						
8.1	Preliminary Project Research	LS	1	4	4	GIS data download, species data, bird use, wetlands, adjacent permits, etc.
<b>Permits</b>						
<b>8.2 Field Work</b>						
8.2.1	Post Site Alternatives	per pond site	0	0	0	N/A
8.2.2	Establish Wetland Jurisdictional Lines and Assessments	LS	1	16	16	1 person x 8 hours + 8 hours travel = 16 hours
8.2.3	Species Surveys	LS	1	0	0	N/A
8.3	Agency Verification of Wetland Data	LS	1	12	12	Assumes one print agency field review of proposed mitigation area
<b>8.4 Complete and Submit All Required Permit Applications</b>						
8.4.1	Complete and Submit All Required Wetland Permit Applications	LS	1	0	0	N/A
8.4.2	Complete and Submit All Required Species Permit Applications	LS	1	0	0	N/A
8.5	Coordinate and Review Drudge and Fill Sketches	LS	1	0	0	N/A
<b>8.6 Complete and Submit Documentation for Coordination and/or USCG Permit Application</b>						
8.6.1	Prepare and submit required documents for USCG Application	LS	1	0	0	N/A
8.6.2	Complete and submit USCG Bridge Application	LS	1	0	0	N/A
8.7	Prepare Water Management District or Local Water Control District Right of Way Occupancy Permit Application	LS	1	0	0	N/A
8.8	Prepare Coastal Construction Control Line (CCCL) Permit Application	LS	1	0	0	N/A
8.9	Prepare USACE Section 408 Application to Alter a Civil Works Project	LS	1	0	0	N/A
8.10	Compensatory Mitigation Plan	LS	1	182	182	Assuming Mitigation Site (apps. 1 acre) adjacent to corridor for specified project. Fields Review - 2 staff = 32 hours. Develop Compensatory Mitigation Plan Text = 150 hours. Develop plan set (see Drainage Tab)
8.11	Mitigation Coordination and Meetings	LS	1	16	16	Meetings are listed below, additional coordination/planning
8.12	Regulatory Agency Support	LS	1	0	0	N/A
<b>Environmental Clearances/Reevaluations</b>						
<b>8.13 Technical support to Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only)</b>						
8.13.1	NEPA or SEIR Reevaluation	LS	1	0	0	
8.13.2	Archaeological and Historical Resources	LS	1	0	0	
8.13.3	Wetland Impact Analysis	LS	1	0	0	
8.13.4	Essential Fish Habitat Impact Analysis	LS	1	0	0	
8.13.5	Protected Species and Habitat Impact Analysis	LS	1	0	0	
<b>8.14 Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)</b>						
8.14.1	NEPA or SEIR Reevaluation	LS	1	0	0	
8.14.2	Archaeological and Historical Resources	LS	1	0	0	
8.14.3	Wetland Impact Analysis	LS	1	0	0	
8.14.4	Essential Fish Habitat Impact Analysis	LS	1	0	0	
8.14.5	Protected Species and Habitat Impact Analysis	LS	1	0	0	
8.15	Other Environmental Permits	LS	1	0	0	
8.16	Contamination Impact Analysis	LS	1	0	0	
8.17	Asbestos Survey	LS	1	0	0	
<b>Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal</b>					<b>230</b>	
8.18	Technical Meetings	LS	1	8	8	Meetings are listed below
8.19	Quality Assurance/Quality Control	LS	%	5%	12	
8.20	Supervision	LS	%	3%	7	
<b>Environmental Permits and Environmental Clearances Nontechnical Subtotal</b>					<b>27</b>	
8.21	Coordination	LS	%	3%	8	
<b>8. Environmental Permits and Environmental Clearances Total</b>					<b>265</b>	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number	
WIND	EA	1	4	4	Mitigation coordination meeting and meeting prep/minutes		0	
NMFS	EA	0	0	0			0	
USACE	EA	0	0	0			0	
USCG	EA	0	0	0			0	
USFWS	EA	0	0	0			0	
FWCC	EA	0	0	0			0	
FDOT	EA	0	0	0			0	
Other Meetings	EA	1	4	4	FDEP mitigation coordination meeting and meeting prep/minutes		0	
<b>Subtotal Technical Meetings</b>				<b>8</b>		<b>Subtotal Project Manager Meetings</b>	<b>0</b>	
Progress Meetings (if required by FDOT)				EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3
Phase Review Meetings				EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3
<b>Total Meetings</b>					<b>8</b>	<b>Total Project Manager Meetings (carries to Tab 3)</b>	<b>0</b>	

Continued on Tab 3

Continued on Tab 3

SSMC - Survey - Optional Services, Mitigation

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Devine Farms road from Margaret Olivia Drive to Witt Drive(Optional Services)  
 County: Escambia  
 FPN: PD-22-23.049  
 FAP No.: 54321

Consultant Name: KCA  
 Consultant No.: enter consultants proj. number  
 Date: 4/3/2023  
 Estimator: insert name

Staff Classification	Total Staff Hours From 'SH Summary Firm'	Survey Project	Senior surveyor	Cadd Tech	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	\$200.00	\$165.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	133	9	44	80	0	0	0	0	0	0	0	0	0	133	\$17,060	\$128.27
28. Photogrammetry	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	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	133	9	44	80	0	0	0	0	0	0	0	0	0	133		
<b>Total Staff Cost</b>		\$1,800.00	\$7,260.00	\$8,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$17,060.00	\$128.27

Check = \$17,060.00

Notes:

1. This sheet to be used by Subconsultant to calculate its fee.

SALARY RELATED COSTS:				\$17,060.00
OVERHEAD:		0%		\$0.00
OPERATING MARGIN:		0%		\$0.00
FCCM (Facilities Capital Cost Money):		0.00%		\$0.00
EXPENSES:		0.00%		\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$17,060.00</b>
Survey (Field)	15	4-person crew	\$ 1,650.00 / day	\$24,750.00
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$41,810.00</b>
Optional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$41,810.00</b>

**27. Survey**

SSMC - Survey - Optional Services, Mitigation

Estimator:

Devine Farms road from Margaret Olivia Drive to Witt Drive(Optional Services)

PD-22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name	Thomas K.Mead PSMSSMC	

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.1	Horizontal Project Control (HPC)									Recover and establish the Horizontal Control for the project.
	2-Lane Roadway	Mile	0.54	0.93	0.50	3.00	1.50	3.00	1.50	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.2	Vertical PC / Bench Line									Recover and establish the vertical control for the project
	2-Lane Roadway	Mile	0.54	0.93	0.50	3.00	1.50	3.00	1.50	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.3	Alignment and Existing R/W Lines									
		Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.4	Aerial Targets			Units/Day						
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
27.5	Reference Points	"A"		Units/Day						
	2-Lane Roadway	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
	Reference Points	"B"		Units/Day						
	Non Alignment Points/Approximate	EA			0.00		0.00		0.00	

**27. Survey**

SSMC - Survey - Optional Services, Mitigation

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.6	Topography/DTM (3D)	Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.7	Planimetric (2D)	Mile			0.00		0.00		0.00	
27.8	Roadway Cross-Sections/Profiles	Mile			0.00		0.00		0.00	
27.9	Side Street Surveys	Mile			0.00		0.00		0.00	
27.10	Underground Utilities									Call SSOCOF and coordinate with each utility owner to obtain Field Marking and plans. Provide designation of facilities in areas of concern. Provide 25 SUE Testhole to address areas of conflict and survey each to be added to the database.
	Designates	Mile/Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Locates	Point	0	0	0.00	0.00	0.00	0.00	0.00	
	Survey		0%	0.00	0.00	0.00	0.00	0.00	0.00	
27.11	Outfall Survey	Mile			0.00		0.00		0.00	
27.12	Drainage Survey	EA		Units/Day	0.00		0.00		0.00	
27.13	Bridge Survey	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.14	Channel Survey	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.15	Pond Site Survey	EA			0.00		0.00		0.00	
27.16	Mitigation Survey	Mile			0.00		0.00		0.00	
27.17	Jurisdiction Line Survey	Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.18	Geotechnical Support	EA		Units/Day	0.00		0.00		0.00	

**27. Survey**

SSMC - Survey - Optional Services, Mitigation

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.19	Sectional / Grant Survey									Locate sufficient control in section 36-1N-31W to assist in detmrining adjacent properties and existing Right of way to support Legals.
		Corner	8	0.50	4.00	3.00	12.00	3.00	12.00	
		Mile			0.00		0.00		0.00	
27.20	Subdivision Location									
		Block			0.00		0.00		0.00	
27.21	Maintained R/W									
		Mile			0.00		0.00		0.00	
27.22	Boundary Survey									Provide a Boundary Survey for each adjoining parcel
		EA	24.00	0.25	6.00	3.00	18.00	3.00	18.00	
27.23	Water Boundary Survey									
		EA			0.00		0.00		0.00	
27.24	R/W Staking / R/W Line									
		EA			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.25	R/W Monumentation									
		Point			0.00		0.00		0.00	
27.26	Line Cutting									
		Mile			0.00					
27.27	Work Zone Safety									
			18	0.125	2.25					
27.28	Vegetation Survey									
		LS							0	
27.29	Tree Survey									
		LS							0	
27.30	Miscellaneous Surveys									Travel Time and prepare up to 24 sketches to support the legals as required.
			20.25	0.1	2.03		0.00	19.32	39.13	
<b>Survey Subtotal</b>				<b>Crew Days</b>	<b>15</b>	<b>Field Support Hours</b>	<b>33</b>	<b>Office Support Hours</b>	<b>72</b>	



**27. Survey**

SSMC - Survey - Optional Services, Mitigation

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.31	Supplemental Surveys			15	0		0		0	THE % FOR SUPPLEMENTAL WILL BE DETERMINED AT NEGOTIATIONS. THIS ITEM CAN ONLY BE USED IF AUTHORIZED IN WRITING BY THE DISTRICT SURVEYOR
27.32	Document Research	Units							0	
27.33	Field Reviews	Units							12	
			12.00							
27.34	Technical Meetings	LS							4	
			4.00							
27.35	Quality Assurance / Quality Control	LS						5%	4	
27.36	Supervision	LS						5%	6	
27.37	Coordination	LS						3%	2	
<b>27. Survey Total</b>				<b>Crew Days</b>	<b>15</b>	<b>Field Support Hours</b>	<b>33</b>	<b>Office Support Hours</b>	<b>100</b>	

SPLS =  
 PLS =  
 Office Support =  
 Total Hours = 133

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number	Comments
Kickoff Meeting with FDOT	EA	0	0	0		0	
Baseline Approval Review	EA	0	0	0		0	
Network Control Review	EA	0	0	0		0	
Vertical Control Review	EA	0	0	0		0	
Local Governments (cities, counties)	EA	1	4	4		0	
Final Submittal Review	EA	0	0	0		0	
Other Meetings	EA	0	0	0		0	
<b>Subtotal Technical Meetings</b>				<b>4</b>	<b>Subtotal PM Meetings</b>	<b>0</b>	
Progress Meetings (if required by FDOT)	EA	0	0	0	**	--	
Phase Review Meetings	EA	0	0	0	**	--	
<b>Total Meetings</b>				<b>4</b>	<b>Total PM Mtgs (carries to Tab 3)</b>	<b>0</b>	

Carries to 27.34

Carries to Tab 3

\*\* Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3

Tierra - Geotech - Optional Services, Mitigation

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Devine Farms Road Bridge  
 County: Escambia  
 FPN: 0  
 FAP No.: 1/0/1900

Consultant Name: Tierra  
 Consultant No.: enter consultants proj. number  
 Date: 4/6/2023  
 Estimator: insert name

Staff Classification	Total Staff Hours From 'SH Summary Firm'	Chief Engineer 2	Principal Engineer	Senior Engineer 1	Chief Scientist	Engineer 2	Senior Scientist	Senior Engineer 2	Engineering Intern	Senior Designer	Sr. Engineering	Secretary /Clerical	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	\$76.65	\$75.24	\$68.16	\$58.75	\$58.42	\$50.23	\$48.08	\$43.75	\$42.50	\$31.07	\$30.00	\$0.00	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	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	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Total Staff Cost</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	#DIV/0!

Notes:

1. This sheet to be used by Subconsultant to calculate its fee.

		Check = \$0.00	
SALARY RELATED COSTS:			\$0.00
OVERHEAD:		157%	\$0.00
OPERATING MARGIN:		39%	\$0.00
FCCM (Facilities Capital Cost Money):		0.75%	\$0.00
EXPENSES:		9.52%	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$0.00</b>
Survey (Field)	0	4-person crew	\$ - / day
Geotechnical Field and Lab Testing			\$40,762.33
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$40,762.33</b>
Optional Services			\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>			<b>\$40,762.33</b>

## VHB - Optional Services, Mitigation

### ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Devine Farms Road Bridge  
 County: Escambia  
 FPN: 0  
 FAP No.: 1/0/1900

Consultant Name: VHB  
 Consultant No.: enter consultants proj. number  
 Date: 4/6/2023  
 Estimator: insert name

Staff Classification	Total Staff Hours From 'SH Summary Firm'	Chief Engineer 2	Principal Engineer	Senior Engineer 1	Chief Scientist	Engineer 2	Senior Scientist	Senior Engineer 2	Engineering Intern	Senior Designer	Sr. Engineering	Secretary /Clerical	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	\$76.65	\$75.24	\$68.16	\$58.75	\$58.42	\$50.23	\$48.08	\$43.75	\$42.50	\$31.07	\$30.00	\$0.00	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	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	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Total Staff Cost</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	#DIV/0!

Notes:

- This sheet to be used by Subconsultant to calculate its fee.

		Check =	\$0.00
<b>SALARY RELATED COSTS:</b>			\$32,871.21
OVERHEAD:		0%	\$0.00
OPERATING MARGIN:		0%	\$0.00
FCCM (Facilities Capital Cost Money):		0.00%	\$0.00
EXPENSES:		0.00%	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$32,871.21</b>
Survey (Field)	0	4-person crew	\$ - / day
Geotechnical Field and Lab Testing			\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$32,871.21</b>
Optional Services			\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>			<b>\$32,871.21</b>

SSMC - Survey - Optional Services, R/W

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Devine Farms road from Margaret Olivia Drive to Witt Drive(Optional Services)  
 County: Escambia  
 FPN: PD-22-23.049  
 FAP No.: 54321

Consultant Name: KCA  
 Consultant No.: enter consultants proj. number  
 Date: 4/3/2023  
 Estimator: insert name

Staff Classification	Total Staff Hours From 'SH Summary Firm'	Survey Project	Senior surveyor	Cadd Tech	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	\$200.00	\$165.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	133	9	44	80	0	0	0	0	0	0	0	0	0	133	\$17,060	\$128.27
28. Photogrammetry	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	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	133	9	44	80	0	0	0	0	0	0	0	0	0	133		
<b>Total Staff Cost</b>		\$1,800.00	\$7,260.00	\$8,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$17,060.00	\$128.27

Check = \$17,060.00

Notes:

1. This sheet to be used by Subconsultant to calculate its fee.

SALARY RELATED COSTS:				\$17,060.00
OVERHEAD:		0%		\$0.00
OPERATING MARGIN:		0%		\$0.00
FCCM (Facilities Capital Cost Money):		0.00%		\$0.00
EXPENSES:		0.00%		\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$17,060.00</b>
Survey (Field)	15	4-person crew	\$ 1,650.00 / day	\$24,750.00
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$41,810.00</b>
Optional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$41,810.00</b>

**27. Survey**

Estimator:

**SSMC - Survey - Optional Services, R/W**  
Devine Farms road from Margaret Olivia Drive to Witt Drive(Optional Services)

PD-22-23.049

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name	Thomas K.Mead PSMSSMC	

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.1	Horizontal Project Control (HPC)									Recover and establish the Horizontal Control for the project.
	2-Lane Roadway	Mile	0.54	0.93	0.50	3.00	1.50	3.00	1.50	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.2	Vertical PC / Bench Line									Recover and establish the vertical control for the project
	2-Lane Roadway	Mile	0.54	0.93	0.50	3.00	1.50	3.00	1.50	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.3	Alignment and Existing R/W Lines									
		Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.4	Aerial Targets			Units/Day						
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
27.5	Reference Points	"A"		Units/Day						
	2-Lane Roadway	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
	Reference Points	"B"		Units/Day						
	Non Alignment Points/Approximate	EA			0.00		0.00		0.00	

**27. Survey**

SSMC - Survey - Optional Services, R/W

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.6	Topography/DTM (3D)	Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.7	Planimetric (2D)	Mile			0.00		0.00		0.00	
27.8	Roadway Cross-Sections/Profiles	Mile			0.00		0.00		0.00	
27.9	Side Street Surveys	Mile			0.00		0.00		0.00	
27.10	Underground Utilities									Call SSOCOF and coordinate with each utility owner to obtain Field Marking and plans. Provide designation of facilities in areas of concern. Provide 25 SUE Testhole to address areas of conflict and survey each to be added to the database.
	Designates	Mile/Site	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Locates	Point	0	0	0.00	0.00	0.00	0.00	0.00	
	Survey		0%	0.00	0.00	0.00	0.00	0.00	0.00	
27.11	Outfall Survey	Mile			0.00		0.00		0.00	
27.12	Drainage Survey	EA		Units/Day	0.00		0.00		0.00	
27.13	Bridge Survey	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.14	Channel Survey	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.15	Pond Site Survey	EA			0.00		0.00		0.00	
27.16	Mitigation Survey	Mile			0.00		0.00		0.00	
27.17	Jurisdiction Line Survey	Mile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27.18	Geotechnical Support	EA		Units/Day	0.00		0.00		0.00	

**27. Survey**

SSMC - Survey - Optional Services, R/W

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.19	Sectional / Grant Survey									Locate sufficient control in section 36-1N-31W to assist in detmrining adjacent properties and existing Right of way to support Legals.
		Corner	8	0.50	4.00	3.00	12.00	3.00	12.00	
		Mile			0.00		0.00		0.00	
27.20	Subdivision Location									
		Block			0.00		0.00		0.00	
27.21	Maintained R/W									
		Mile			0.00		0.00		0.00	
27.22	Boundary Survey									Provide a Boundary Survey for each adjoining parcel
		EA	24.00	0.25	6.00	3.00	18.00	3.00	18.00	
27.23	Water Boundary Survey									
		EA			0.00		0.00		0.00	
27.24	R/W Staking / R/W Line									
		EA			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.25	R/W Monumentation									
		Point			0.00		0.00		0.00	
27.26	Line Cutting									
		Mile			0.00					
27.27	Work Zone Safety									
			18	0.125	2.25					
27.28	Vegetation Survey									
		LS							0	
27.29	Tree Survey									
		LS							0	
27.30	Miscellaneous Surveys									Travel Time and prepare up to 24 sketches to support the legals as required.
			20.25	0.1	2.03		0.00	19.32	39.13	
<b>Survey Subtotal</b>				<b>Crew Days</b>	<b>15</b>	<b>Field Support Hours</b>	<b>33</b>	<b>Office Support Hours</b>	<b>72</b>	

**27. Survey**

SSMC - Survey - Optional Services, R/W

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.31	Supplemental Surveys			15	0		0		0	THE % FOR SUPPLEMENTAL WILL BE DETERMINED AT NEGOTIATIONS. THIS ITEM CAN ONLY BE USED IF AUTHORIZED IN WRITING BY THE DISTRICT SURVEYOR
27.32	Document Research	Units							0	
27.33	Field Reviews	Units							12	
			12.00							
27.34	Technical Meetings	LS							4	
			4.00							
27.35	Quality Assurance / Quality Control	LS						5%	4	
27.36	Supervision	LS						5%	6	
27.37	Coordination	LS						3%	2	
<b>27. Survey Total</b>				<b>Crew Days</b>	<b>15</b>	<b>Field Support Hours</b>	<b>33</b>	<b>Office Support Hours</b>	<b>100</b>	

SPLS =  
 PLS =  
 Office Support =  
 Total Hours = 133

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number	Comments
Kickoff Meeting with FDOT	EA	0	0	0		0	
Baseline Approval Review	EA	0	0	0		0	
Network Control Review	EA	0	0	0		0	
Vertical Control Review	EA	0	0	0		0	
Local Governments (cities, counties)	EA	1	4	4		0	
Final Submittal Review	EA	0	0	0		0	
Other Meetings	EA	0	0	0		0	
<b>Subtotal Technical Meetings</b>				<b>4</b>	<b>Subtotal PM Meetings</b>	<b>0</b>	
Progress Meetings (if required by FDOT)	EA	0	0	0	**	--	
Phase Review Meetings	EA	0	0	0	**	--	
<b>Total Meetings</b>				<b>4</b>	<b>Total PM Mtgs (carries to Tab 3)</b>	<b>0</b>	

Carries to 27.34

Carries to Tab 3

\*\* Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3



VHB - Optional Services, Mussel Survey

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Devine Farms Road Bridge  
 County: Escambia  
 FPN: 0  
 FAP No.: 1/0/1900

Consultant Name: VHB  
 Consultant No.: enter consultants proj. number  
 Date: 4/6/2023  
 Estimator: insert name

Staff Classification	Total Staff Hours From 'SH Summary Firm'	Chief Engineer 2	Principal Engineer	Senior Engineer 1	Chief Scientist	Engineer 2	Senior Scientist	Senior Engineer 2	Engineering Intern	Senior Designer	Sr. Engineering	Secretary /Clerical	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	\$76.65	\$75.24	\$68.16	\$58.75	\$58.42	\$50.23	\$48.08	\$43.75	\$42.50	\$31.07	\$30.00	\$0.00	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	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	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Total Staff Cost</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	#DIV/0!

Notes:  
 1. This sheet to be used by Subconsultant to calculate its fee.

		Check = \$0.00	
SALARY RELATED COSTS:			\$9,525.00
OVERHEAD:		0%	\$0.00
OPERATING MARGIN:		0%	\$0.00
FCCM (Facilities Capital Cost Money):		0.00%	\$0.00
EXPENSES:		0.00%	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$9,525.00</b>
Survey (Field)	0	4-person crew	\$ - / day
Geotechnical Field and Lab Testing			\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$9,525.00</b>
Optional Services			\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>			<b>\$9,525.00</b>