

**CONTRACT CONTINUING PROFESSIONAL
ENGINEERING SERVICES**

This Contract is made and entered into this 9th day of March 2021 by and between SANTA ROSA COUNTY, FLORIDA, ("COUNTY"), a political subdivision of the State of Florida, located at 6495 Caroline Street, Milton, Florida 32570, and MOTT MACDONALD FLORIDA, LLC., whose principal place of business is at 220 W. Garden Street, Suite 700, Pensacola, Florida 32502, (the "Consultant"), whose Federal I.D. number is 59-1294824, in connection with Santa Rosa County Request for Qualifications No. 21-006 and the professional services set forth therein.

W I T N E S S E T H

WHEREAS, the County has pursued the professional services selection process contemplated under section 287.055, Florida Statutes; and

WHEREAS, Santa Rosa County desires to continue the Professional Engineering Services of the Consultant concerning said services being more fully described in the exhibits attached to this Contract.

NOW, THEREFORE, in consideration of the mutual promises herein, the County and the Consultant agree as follows:

**ARTICLE ONE
CONSULTANT'S RESPONSIBILITY**

1.1. Consultant shall provide to County continuing professional engineering services for the duration of the Contract.

1.2. The Services required under this Contract to be performed by Consultant shall be those set forth in Article Two and Contract Manual as Exhibit A and shall be issued periodically as Notice to Proceeds. The basis of compensation to be paid Consultant by the County for Services is set forth in Article Five and Schedule A, "Basis of Compensation" attached to each Notice to Proceed, which is attached hereto and incorporated herein. Work Authorization requests will be made to Consultant as may be warranted, including but not limited to updates of plans, designs of improvements, field and construction services, acquisition analysis, and permitting activities as may be reasonably contemplated hereunder.

1.3. The Consultant agrees to obtain and maintain throughout the period of this Contract all such licenses as are required to do business in the State of Florida, including, but not limited to, all licenses required by the respective state boards, and other governmental agencies responsible for regulating and licensing the professional services to be provided and performed by the Consultant pursuant to this Contract.

1.4. The Consultant agrees that, when the services to be provided hereunder relate to a professional service which, under Florida Statutes, requires a license, certificate of authorization or other form of legal entitlement to practice such services, it shall employ and/or retain only qualified personnel to provide such services.

1.5. Consultant agrees that the Project Manager for the term of this Contract shall be:

David Skipper, PE
Senior Vice President

The Consultant agrees that the Project Manager shall devote whatever time is required to satisfactorily manage the services to be provided and performed by the Consultant hereunder. The person selected by the Consultant to serve as the Project Manager shall be subject to the prior approval and acceptance of the County, such approval or acceptance shall not be unreasonably withheld.

1.6. Consultant agrees, within fourteen (14) calendar days of receipt of a written request from the County, to promptly remove and replace from the project team the Project Manager, or any other personnel employed or retained by the Consultant, or any subconsultants or subcontractors or any personnel of any such subconsultants or subcontractors engaged by the Consultant to provide and perform services or work pursuant to the requirements of this Contract, whom the County shall request in writing to be removed, which request may be made by the County with or without cause.

1.7. The Consultant has represented to the County that it has expertise in the type of professional services that will be required for the Project. The Consultant agrees that all services to be provided by Consultant pursuant to this Contract shall be subject to the County's review and approval and shall be in accordance with the generally accepted standards of professional practice in the State of Florida, as well as in accordance with all published laws, statutes, ordinances, codes, rules, regulations and requirements of any governmental agencies which regulate or have jurisdiction over the Project or the services to be provided and performed by Consultant hereunder. In the event of any conflicts in these requirements, the Consultant shall notify the County of such conflict and utilize its best professional judgment to advise County regarding resolution of the conflict.

1.8. Consultant agrees not to divulge, furnish or make available to any third person, firm or organization, without County's prior written consent, or unless incident to the proper performance of the Consultant's obligations hereunder, or in the course of judicial or legislative proceedings where such information has been properly subpoenaed, any non-public information concerning the services to be rendered by Consultant hereunder, and Consultant shall require all of its employees, agents, subconsultants and subcontractors to comply with the provisions of this paragraph.

1.9. Evaluations of the County's adopted capital improvement budget, preliminary estimates of construction cost and detailed estimates of construction cost prepared by the Consultant represent the Consultant's best judgment as a design professional familiar with the construction industry. The Consultant cannot and does not guarantee that bids or negotiated prices will not vary from any estimate of construction cost or evaluation prepared or agreed to by the Consultant. Notwithstanding anything above to the contrary, Consultant shall revise and modify Construction Documents and assist in the rebidding of the work at no additional cost to County, if all responsive and responsible bids exceed the estimates of construction costs prepared by Consultant.

1.10. Consultant shall not be responsible for means, methods, techniques, sequences or procedures of construction selected by contractors or the safety precautions and programs incident to the work of contractors.

ARTICLE TWO SERVICES OF CONSULTANT

2.1. As authorized or required by the County in a Notice to Proceed, and agreed to by Consultant, Consultant shall furnish or obtain from other Services of the types listed in the Proposal submitted January 12, 2021, attached as Exhibit B. These services will be paid for by the County as indicated in Article Five and Schedule A and as confirmed in each Notice to Proceed.

ARTICLE THREE COUNTY'S RESPONSIBILITIES

3.1. The County shall designate in writing a representative to act as County's representative with respect to the services to be rendered under this Contract (hereinafter referred to as the "County's Representative"). The County's Representative shall have County transmit instructions, receive information, interpret and define County's policies and decisions with respect to Consultant's services for the Project. However, the County's Representative is not authorized to issue any verbal or written orders or instructions to the Consultant that would have the effect, or be interpreted to have the effect, of modifying or changing in any way whatever:

- a. The scope of services to be provided and performed by the Consultant hereunder;
- b. The time the Consultant is obligated to commence and complete all such services;
or
- c. The amount of compensation the County is obligated or committed to pay the Consultant.

3.2. The County's Representative shall:

- a. Review and make appropriate recommendations on all requests submitted by the Consultant for payment for services and work provided and performed in accordance with this Contract;

- b. Provide all criteria and information requested by Consultant as to County's requirements, for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations;
 - c. Upon request from Consultant, assist Consultant by placing at Consultant's disposal all available information in the County's possession pertinent to the Project, including existing drawings, specifications, shop drawings, product literature, previous reports and any other data relative to design or construction of the Project;
 - d. Arrange for access to and make all provisions for Consultant to enter the Project site to perform the services to be provided by Consultant under this Contract; and
 - e. Provide notice to Consultant of any deficiencies or defects discovered by the County with respect to the services to be rendered by Consultant hereunder.
- 3.3. Consultant acknowledges that access to the Project Site, to be arranged by County for Consultant, may be provided during times that are not the normal business hours of the Consultant.
- 3.4. County shall be responsible for the acquisition of all easements, property sites, rights-of-way, or other property rights required for the Project and for the costs thereof, including the costs of any required land surveys in connection with such acquisition.
- 3.5. For the purposes of this Contract, the County's Representative shall be:

Dan Schebler, County Administrator

ARTICLE FOUR TIME

- 4.1. Services to be rendered by Consultant shall be commenced subsequent to the execution of any Notice to Proceeds issued pursuant to this Contract, after receiving written Notice to Proceed from County for all or any designated portion of the Project and shall be performed and completed in accordance with the Project Schedule attached to the Notice to Proceed for the Project.
- 4.2. Should Consultant be obstructed or delayed in the prosecution or completion of its services as a result of unforeseeable causes beyond the control of Consultant, and not due to its own fault or neglect, including but not restricted to acts of God or of public enemy, acts of government or of the County, fires, floods, epidemics, quarantine regulations, strikes or lock-outs, then Consultant shall notify County in writing within five (5) working days after commencement of such delay, stating the cause or causes thereof, or be deemed to have waived any right which Consultant may have had to request a time extension.

4.3. No interruption, interference, inefficiency, suspension or delay in the commencement or progress of Consultant's services from any cause whatsoever, including those for which County may be responsible in whole or in part, shall relieve Consultant of its duty to perform or give rise to any right to damages or additional compensation from County. Consultant's sole remedy against County will be the right to seek an extension of time to its schedule. This paragraph shall expressly apply to claims for early completion, as well as claims based on late completion. Provided, however, if through no fault or neglect of the Consultant, the services to be provided hereunder have not been completed within the schedule identified in the Notice to Proceed, the Consultant's compensation shall be equitably adjusted, with respect to those services that have not yet been performed, to reflect the incremental increase in costs experienced by Consultant.

4.4. Should the Consultant fail to commence, provide, perform or complete any of the services to be provided hereunder in a timely and reasonable manner, in addition to any other rights or remedies available to the County hereunder, the County at its sole discretion and option may withhold any and all payments due and owing to the Consultant until such time as the Consultant resumes performance of its obligations hereunder in such a manner so as to reasonably establish to the County's satisfaction that the Consultant's performance is or will shortly be back on schedule.

ARTICLE FIVE COMPENSATION

5.1. Compensation and the manner of payment of such compensation by the County for services rendered hereunder by Consultant shall be as prescribed in Schedule A, entitled "Basis of Compensation," and Exhibit C which are attached hereto and made a part hereof.

5.2. The total amount to be paid by the County under this Contract for all services and materials, including "out of pocket" expenses and any approved subcontracts, shall not exceed the amount set forth in the approved Notice to Proceeds without prior approval of the County. The Consultant shall notify the County's Representative in writing when 90% of the "not to exceed amount" has been reached.

5.3. Invoices received by the County from the Consultant pursuant to this Contract will be reviewed and approved in writing by the County's Representative, who shall indicate whether services have been rendered in conformity with the Contract, and then sent to the County's Office of Management and Budget for processing payment. All invoices shall contain a detailed breakdown of the services provided for which payment is being requested. Invoices shall be paid within thirty (30) days following the County Representative's approval, who shall process all payments in accordance with the Florida Prompt Payment Act or advise Consultant in writing of reasons for not processing same. In addition to detailed invoices, upon request of the County's Representative, Consultant will provide County with detailed periodic Status Reports on the project.

5.4. "Out-of-pocket" expenses shall be reimbursed in accordance with Florida law and Schedule A. All requests for payment of "out-of-pocket" expenses eligible for reimbursement under the terms of this Contract shall include copies of paid receipts, invoices, or other documentation acceptable to the County's Representative. Such documentation shall be sufficient to establish that the expense was actually incurred and necessary in the performance of the Scope of Work described in this Contract.

5.5. In order for both parties herein to close their books and records, the Consultant will clearly state "final invoice" on the Consultant's final/last billing to the County for each Notice to Proceed. This final invoice shall also certify that all services provided by Consultant have been performed in accordance with the applicable Notice to Proceed and all charges and costs have been invoiced to the County. Because this account will thereupon be closed, any and other further charges not included on this final invoice are waived by the Consultant. Acceptance of final payment by Consultant shall constitute a waiver of all claims and liens against County for additional payment.

ARTICLE SIX WAIVER OF CLAIMS

6.1. Consultant's acceptance of final payment shall constitute a full waiver of any and all claims related to the obligation of payment by it against County arising out of this Contract or otherwise related to the Project, except those previously made in writing and identified by Consultant as unsettled at the time of the final payment. Neither the acceptance of Consultant's services nor payment by County shall be deemed to be a waiver of any of County's rights against Consultant.

ARTICLE SEVEN TRUTH IN NEGOTIATION REPRESENTATIONS

7.1. Consultant warrants that Consultant has not employed or retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Contract and that Consultant has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for Consultant, any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Contract.

7.2. In accordance with provisions of Section 287.055(5)(a), Florida Statutes, the signature of this Contract by the Consultant shall also act as the execution of a truth in negotiation certificate certifying that the wage rates, overhead charges, and other costs used to determine the compensation provided for in this Contract are accurate, complete and current as of the date of the Contract and no higher than those charged the Consultant's most favored customer for the same or substantially similar service. Should the County determine that said rates and costs were significantly increased due to incomplete, noncurrent or inaccurate representation, then said rates and compensation provided for in this Contract shall be adjusted accordingly.

ARTICLE EIGHT TERMINATION OR SUSPENSION

8.1. Consultant shall be considered in material default of this Contract and such default will be considered cause for County to terminate this Contract, in whole or in part, as further set forth in this section, for any of the following reasons: (a) failure to begin work under the Contract within a reasonable time after issuance of the Notice(s) to Proceed or a Notice to Proceed, or (b) failure to properly and timely perform the services to be provided hereunder or as directed by County pursuant to this Contract, or (c) the bankruptcy or insolvency or a general assignment for the benefit of creditors by Consultant or by any of Consultant's principals, officers or directors, or (d) failure to obey laws, ordinances, regulations or other codes of conduct, or (e) failure to perform or abide by the terms or spirit of this Contract, or (f) for any other just cause. The County may so terminate this Contract, in whole or in part, by giving the Consultant seven (7) calendar days' written notice.

8.2. If, after notice of termination of this Contract as provided for in paragraph 8.1 above, it is determined for any reason that Consultant was not, in default, or that its default was excusable, or that County otherwise was not entitled to the remedy against Consultant provided for in paragraph 8.1, then the notice of termination given pursuant to paragraph 8.1 shall be deemed to be the notice of termination provided for in paragraph 8.3 below and Consultant's remedies against County shall be the same as and limited to those afforded Consultant under paragraph 8.3 below.

8.3. County shall have the right to terminate this Contract, in whole or in part, without cause upon seven (7) calendar days' written notice to Consultant. In the event of such termination for convenience, Consultant's recovery against County shall be limited to that portion of the fee earned through the date of termination, together with any retainage withheld and any costs reasonably incurred by Consultant that are directly attributable to the termination, but Consultant shall not be entitled to any other or further recovery against County, including, but not limited to, anticipated fees or profits on work not required to be performed.

8.4. Upon termination, the Consultant shall deliver to the County all original papers, records, documents, drawings, models, and other material set forth and described in this Contract.

8.5. The County shall have the power to suspend all or any portions of the services to be provided by Consultant hereunder upon giving Consultant two (2) calendar days prior written notice of such suspension. If all or any portion of the services to be rendered hereunder are so suspended, the Consultant's sole and exclusive remedy shall be to seek an extension of time to its schedule in accordance with the procedures set forth in Article Four herein

ARTICLE NINE PERSONNEL

9.1. The Consultant is, and shall be, in the performance of all work services and activities under this Contract, an Independent Contractor, and not an employee, agent, or servant of the County. All persons engaged in any of the work or services performed pursuant to this Contract shall at all times, and in all places, be subject to the Consultant's sole direction, supervision, and control. The Consultant shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the Consultant's relationship and the relationship of its employees to the County shall be that of an Independent Contractor and not as employees or agents of the County.

9.2. The Consultant represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the County, nor shall such personnel be entitled to any benefits of the County including, but not limited to, pension, health and workers' compensation benefits.

9.3. All of the services required hereunder shall be performed by the Consultant or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

9.4. Any changes or substitutions in the Consultant's key personnel, as may be listed in Consultant's statement of qualifications, must be made known to the County's Representative and written approval must be granted by the County's Representative before said change or substitution can become effective, said approval for which shall not unreasonably be withheld.

9.5. The Consultant ^{represents DS 3/9/21} ~~warrants~~ that all services shall be performed by skilled and competent personnel to professional standards applicable to firms of similar local and national reputation.

9.10. The Consultant warrants that it fully complies with all Federal Executive Orders, statutes and regulations regarding the employment of undocumented workers and others and that all employees performing work under this Agreement meet the citizenship or immigration status requirements set forth in Federal Executive Orders, statutes and regulations. Consultant shall indemnify, defend and hold harmless the County, its officers and employees from and against any sanctions and any other liability which may be assessed against the Contractor in connection with any alleged violation of any Federal statutes or regulations pertaining to the eligibility for employment of any persons performing work hereunder.

9.11. The employees and agents of each party, shall while on the premises of the other party, comply with all rules and regulations of the premises, including, but not limited to, security requirements.

ARTICLE TEN SUBCONTRACTING

10.1. Consultant shall not subcontract any services or work to be provided to County without the prior written approval of the County's Representative. The County reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make a determination as to the capability of the subcontractor to perform properly under this Contract. The County's acceptance of a subcontractor shall not be unreasonably withheld. The Consultant is encouraged to seek minority and women business enterprises for participation in subcontracting opportunities.

ARTICLE ELEVEN FEDERAL AND STATE TAX

11.1. The County is exempt from payment of Florida state sales and use taxes. The Consultant shall not be exempted from paying sales tax to its suppliers for materials used to fulfill contractual obligations with the County, nor is the Consultant authorized to use the County's tax exemption number in securing such materials.

11.2. The Consultant shall be responsible for payment of its own and its share of its employees' payroll, payroll taxes, and benefits with respect to this Contract.

ARTICLE TWELVE OWNERSHIP OF DOCUMENTS

12.1. Upon completion or termination of this Contract, all records, documents, tracings, plans, specifications, maps, evaluations, reports, computer assisted design or drafting disks and other technical data, other than working papers, prepared or developed by Consultant under this Contract shall be delivered to and become the property of County. Consultant, at its own expense, may retain copies for its files and internal use.

12.2. The County and the Consultant shall comply with the provisions of Chapter 119, Florida Statutes, pertaining to public records. Consultant assumes no liability for the use of such documents by the County or others for purposes not intended under this Contract.

ARTICLE THIRTEEN MAINTENANCE OF RECORDS & PUBLIC RECORDS

13.1. Consultant will keep adequate records and supporting documentation which concern or reflect its services hereunder. The records and documentation will be retained by Consultant for a minimum of three (3) years from the date of termination of this Contract or the date the Project is completed, whichever is later. County, or any duly authorized agents or representatives of County, shall have the right to audit, inspect and copy all such records and documentation as often as they deem necessary during the period of this Contract and during the three (3) year period noted above; provided, however, such activity shall be conducted only during normal business hours.

13.2. Contractor must comply with the public records laws, Florida Statute chapter 119, specifically Contractor must:

- a) Keep and maintain public records required by the County to perform the service.
- b) Upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in chapter 119 Florida Statutes or as otherwise provided by law.
- c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the County.
- d) Upon completion of the contract, transfer, at no cost, to the County all public records in possession of the contractor or keep and maintain public records required by the County to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining the public records. All records stored electronically must be provided to the public agency, upon the request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT WANDAP@SANTAROSA.FL.GOV.

13.3. The County reserves the right to unilaterally cancel this Contract for refusal by the Contractor or any contractor, sub-contractor or materials vendor to allow public access to all documents, papers, letters or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received in conjunction with this Contract unless the records are exempt.

ARTICLE FOURTEEN INSURANCE

14.1. During the life of the Contract the Consultant shall provide, pay for, and maintain, with companies satisfactory to the County, the types of insurance as set forth in attached Exhibit D.

ARTICLE FIFTEEN INDEMNIFICATION

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

15.2. Consultant acknowledges that the general conditions of any construction contract shall include language, satisfactory to the County's attorney, in which the contractor agrees to hold harmless and to defend County, Consultant, their agents and employees, from all suits and actions, including attorney's fees, and all costs of litigation and judgments of any name and description arising out of or incidental to the performance of the construction contract or work performed thereunder. County acknowledges that Consultant shall be expressly named as an indemnified party, and shall be held harmless, in the general conditions of any construction contract, and shall be named as an additional insured in any contractor's insurance policies.

15.3. The first ten dollars (\$10.00) of remuneration paid to Consultant under this Contract shall be in consideration for the indemnification provided for in this section.

~~Consultant under this Contract shall be in consideration for the indemnification provided for in this section.~~ DS 3/8/21

ARTICLE SIXTEEN SUCCESSORS AND ASSIGNS

16.1. The County and the Consultant each binds itself and its successors, executors, administrators and assigns to the other party of this Contract and to the successors, executors, administrators and assigns of such other party, in respect to all covenants of this Contract. Except as above, neither the County nor the Consultant shall assign, sublet, convey or transfer its interest in this Contract without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the County which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the County and the Consultant.

ARTICLE SEVENTEEN REMEDIES

17.1. This Contract shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce the Contract shall be held in Santa Rosa County. No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

ARTICLE EIGHTEEN CONFLICT OF INTEREST

18.1. The Consultant represents that it has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder, as provided for in the Code of Ethics for Public Officers and Employees (Chapter 112, Part III, Florida Statutes). The Consultant further represents that no person having any interest shall be employed for said performance.

18.2. The Consultant shall promptly notify the County Representative, in writing, by certified mail, of all potential conflicts of interest for any prospective business association, interest or other circumstance which may influence or appear to influence the Consultant's judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the Consultant may undertake and request an informed determination from the County Representative as to whether the association, interest or circumstance would be viewed by the County Representative as constituting a conflict of interest if entered into by the Consultant. The County Representative agrees to notify the Consultant of its opinion by certified mail within thirty (30) days of receipt of notice by the Consultant. Such determination may be appealed to the Board of County Commissioners by the Consultant within thirty (30) days of the County Representative's notice to the Consultant. If, in the opinion of the County Representative or County, the prospective business association, interest or circumstance would not constitute a conflict of interest by the Consultant, the County Representative or County shall so state in the notice and the Consultant shall, at its option, enter into said association, interest or circumstance and it shall be deemed not in conflict of interest with respect to services provided to the County by the Consultant under the terms of this Contract.

ARTICLE NINETEEN DEBT

19.1. The Consultant shall not pledge the County's credit or make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien or any form of indebtedness. The Consultant further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Contract.

ARTICLE TWENTY NONDISCRIMINATION

20.1. The Consultant warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, or sexual orientation. Including those set forth in Exhibit E hereto and incorporated herein by reference (TITLE VI).

20.2. Additionally, (As per Executive Order 11246) Contractor may not discriminate against any employee or applicant for employment because of age, race, color, creed, sex, disability or national origin. Contractor agrees to take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their age, race, color, creed, sex, disability or national origin. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship.

ARTICLE TWENTY-ONE ENFORCEMENT COSTS

21.1. If any legal action or other proceeding is brought for the enforcement of this Contract, or because of an alleged dispute, breach, default or misrepresentation in connection with any provisions of this Contract, the successful or prevailing party or parties shall be entitled to recover reasonable attorney's fees, court costs and all expenses (including taxes) even if not taxable as court costs (including, without limitation, all such fees, costs and expenses incident to appeals), incurred in that action or proceeding, in addition to any other relief to which such party or parties may be entitled.

ARTICLE TWENTY-TWO NOTICE

22.1. All notices required in this Contract shall be sent by certified mail, return receipt requested to the Consultant's Representative and the County Representative at the addresses shown in Articles One and Three hereof.

ARTICLE TWENTY-THREE MODIFICATION OF SCOPE OF WORK

23.1. It is the intent of this Contract that County shall from time-to-time issue Notice to Proceeds for Consultant to perform work. Notice to Proceeds shall be duly approved by the County prior to issuance. Consultant shall expediently perform such work within the schedule indicated in the work order in accordance with Article Four above. Consultant shall timely cooperate with County Representative in negotiating the cost and schedule of said work orders prior to submission to the County for approval. The County reserves the right to make changes in the Scope of Work, including alterations, reductions therein or additions thereto. Upon receipt by the Consultant of the County's notification of a contemplated change, the Consultant shall, in writing: (1) provide a detailed estimate for the increase or decrease in cost due to the contemplated change, (2) notify the County of any estimated change in the completion date, and (3) advise the County if the contemplated change shall effect the Consultant's ability to meet the completion dates or schedules of this Contract.

23.2. If the County so instructs in writing, the Consultant shall suspend work on that portion of the Scope of Work or work order affected by a contemplated change, pending the County's decision to proceed with the change. Consultant shall be entitled to invoice County for that portion of the work completed prior to receipt of the written notice.

23.3. If the County elects to make the change, the County shall initiate a Contract Amendment and the Consultant shall not commence work on any such change until such written amendment is signed by the Consultant and the County.

ARTICLE TWENTY-FOUR MODIFICATION

24.1. The County and the Consultant agree that this Contract together with the Exhibits hereto, sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in this Contract may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto in accordance with Article Twenty-Three - Modification of Scope of Work. In the event of any conflict or inconsistency between this Contract and the provisions in the incorporated Exhibits, the terms of this Contract shall supersede and prevail over the terms in the Exhibits.

ARTICLE TWENTY-FIVE MISCELLANEOUS

25.1. Consultant, in representing County, shall promote the best interest of County and each party agrees to assume toward the other party a duty of good faith and fair dealing.

25.2. No modification, waiver, suspension or termination of the Contract or of any terms thereof shall impair the rights or liabilities of either party.

25.3. This Contract is not assignable, in whole or in part, by Consultant without the prior written consent of County.

25.4. Waiver by either party of a breach of any provision of this Contract shall not be deemed to be a waiver of any other breach and shall not be construed to be a modification of the terms of this Contract.

25.5. The headings of the Articles, Schedules, Parts and Attachments as contained in this Contract are for the purpose of convenience only and shall not be deemed to expand, limit or change the provisions in such Articles, Schedules, Parts and Attachments.

25.6. This Contract, including the referenced Schedules and Attachments hereto, constitutes the entire agreement between the parties hereto and shall supersede, replace and nullify any and all prior agreements or understandings, written or oral, relating to the matter set forth herein, and any such prior agreements or understanding shall have no force or effect whatever on this Contract.

25.7. Consultant acknowledges that it shall comply with all applicable Federal law, regulations, executive orders, State laws and regulations and local laws, ordinances and regulations as it pertains to services being rendered under this contract.

25.8. Consultant acknowledges that some federal funds may be utilized in the course of services being performed under this agreement, as such, consultant agrees that it shall adhere to all necessary federal regulations. Further, the Consultant acknowledges that the Federal government is not a party to this agreement and is not subject to any obligations or liabilities to the non-Federal entity, Consultant, or any other party pertaining to any matter resulting from this Contract.

**ARTICLE TWENTY-SIX
MINORITY/WOMEN'S BUSINESS ENTERPRISES**

26.1. The Consultant must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible, in accordance with 2CFR 200.321. If subcontracts are to be let, prime contractor will require compliance by all sub-contractors. Prior to contract award, the contractor shall document efforts to utilize M/WBE firms including what firms were solicited as suppliers and/or subcontractors as applicable and submit this information with their bid submittal. Information regarding certified M/WBE firms can be obtained from:

Florida Department of Management Services (Office of Supplier Diversity)
Florida Department of Transportation
Minority Business Development Center in most large cities and
Local Government M/DBE programs in many large counties and cities

**ARTICLE TWENTY-SEVEN
PROCUREMENT OF RECOVERED MATERIALS**

27.1. Consultant must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

**ARTICLE TWENTY-EIGHT
ENVIRONMENTAL AND ENERGY POLICIES**

28.1. The Consultant shall comply with mandatory standards and policies relating to energy efficiency, stating in the state energy conservation plan issued in compliance with the Energy Policy and Conservation act. (Pub. L. 94-163, 89 Stat. 871) [53 FR 8078, 8087, Mar. 11, 1988, as amended at 60 FR 19639, 19645, Apr. 19, 1995].

28.2. Clean Air Act.

a. The Consultant agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

b. The Consultant agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the State of Florida, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

c. The Consultant agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance under this Contract.

28.3. Federal Water Pollution Control Act.

a. The Consultant agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

b. The Consultant agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the State of Florida, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

c. The Consultant agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance under this Contract.

**ARTICLE TWENTY-NINE
FEDERAL SUSPENSION AND DEBARMENT**

29.1. This Agreement may be covered in part as transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the Consultant is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

a. The Consultant must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

b. This certification is a material representation of fact relied upon by the County. If it is later determined that the Consultant did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the State of Florida and the County, the Federal Government may pursue available remedies, including but not limited to suspension and/ or debarment.

c. The Consultant agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The Contractor further agrees to include a provision requiring such compliance in its lower tier covered transactions.

**ARTICLE THIRTY
LOBBYING**

30.1. Byrd Anti-Lobbying Amendment. Consultant who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or

attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

ARTICLE THIRTY-ONE THIRD PARTY BENEFICIARIES

31.1. It is specifically agreed between the parties executing this Contract that it is not intended by any of the provisions of any part of the Contract to create in the public or any member thereof, a third-party beneficiary under this Contract, or to authorize anyone not a party to this Contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this Contract

ARTICLE THIRTY-TWO CONTRACTING WITH THE ENEMY

32.1. In accordance with 2 C.F.R. 200.215, it is acknowledged that no services under this contract are to be performed outside the United states and its territories nor in support of a contingency operation in which members of the Armed Forces are actively engaged in hostilities.

ARTICLE THIRTY-THREE SEVERABILITY

33.1. If any term or provision of this Contract, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this Contract, or the application of such term or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Contract shall be deemed valid and enforceable to the extent permitted by law.

ARTICLE THIRTY-FOUR REPRESENTATION OF AUTHORITY TO CONTRACT/SIGNATORY

34.1 The individual signing this Contract on behalf of Mott MacDonald represents and warrants that he or she is duly authorized and has legal capacity to execute and deliver this Contract. The signatory represents and warrants to the County that the execution and delivery of this Contract and the performance of Design Services Contracts for Professional Engineering Services obligations hereunder have been duly authorized, and that the Agreement is a valid and legal agreement binding on the Consultant and enforceable in accordance with its terms.

IN WITNESS WHEREOF, the parties hereto have set their hands and official seals the day and year first above written.

**CONSULTANT:
MOTT MACDONALD FLORIDA, LLC**



Authorized Representative

David D. Skipper, Senior Vice President
(printed)



**BOARD OF COUNTY COMMISSIONERS OF
SANTA ROSA COUNTY, FLORIDA**



David C. Piech, Chairman

(ATTEST)


Donald C. Spencer, Clerk of Court

Approved as to form:

EXHIBIT A

SANTA ROSA COUNTY, FLORIDA



RFQ 21-006 Design Services Contracts for Professional Engineering Services

January 2021

**OWNER: BOARD OF COUNTY COMMISSIONERS
SANTA ROSA COUNTY, FLORIDA**

**SAM PARKER
ROBERT A. "BOB" COLE
JAMES CALKINS
DAVE PIECH
COLTON WRIGHT**

**DISTRICT I
DISTRICT II
DISTRICT III
DISTRICT IV
DISTRICT V**

SECTION I.

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MEMORANDUM

TO: Company Addressed DATE: December 11, 2020

FROM: Santa Rosa County Procurement Office

SUBJECT: **RFQ 21-006 Design Services Contract for Professional Engineering Services**

Notice is hereby given that the Santa Rosa County Board of County Commissioners is calling for and requesting qualifications from qualified professional engineering firms to provide general engineering for design and/or repair work related to recent disasters. Services will include, but may not be limited to, detailed field reviews; surveying; geotechnical services; engineering repair, design, and permitting; stormwater design and permitting; environmental design and permitting; piers, docks and boat ramps repair and design; development of construction plans; project cost estimates; response document preparation; post construction engineering services and other miscellaneous engineering and planning services.

All proposals shall be considered in accordance with the Florida Competitive Consultant Negotiations Act. (F.S. 287.055) and Office of Management and Budget Uniform Guidance for Federal Awards (2 CFR 200).

All proposals must be in writing and delivered by hand, overnight courier service, or U.S. Mail to the Santa Rosa County Procurement Department, 6495 Caroline Street, Suite M, Milton, Florida, 32570; and must be received by **10:00 a.m., CST, January 12, 2021**, at which time will be publicly opened. E-mailed response responses will be rejected. Only proposals received by the afore-stated time and date will be considered. All proposals shall be sealed and clearly labeled, **“RFQ 21-006 Design Services Contracts for Professional Engineering Services”**. Submittal shall include one (1) original proposal, labeled “ORIGINAL”, and six (6) copies labeled “COPY”, and one (1) electronic file in OCR (readable) PDF format.

Specifications may be secured by download from the Santa Rosa County Website: <https://www.santarosa.fl.gov/391/Procurement-Office> "Response Opportunities". Questions concerning this request should be directed to the Santa Rosa County Procurement Office in writing at bidinfo@santarosa.fl.gov prior to 4:30 p.m. on **December 29, 2020**.

Santa Rosa County Board of County Commissioners encourages all segments of the business community to participate in its procurement opportunities, including small businesses, minority/women owned businesses, and disadvantaged business enterprises. The Board does not discriminate on the basis of race, color, religion, national origin, disability, sex, or age in the administration of contracts.

The Board of County Commissioners reserves the right to waive irregularities in responses, to reject any or all responses with or without cause, and to award the response that it determines to be in the best interest of Santa Rosa County.

By order of the Board of County Commissioners of Santa Rosa County, Florida.

SECTION II.
STANDARD INSTRUCTIONS AND SUBMITTAL
REQUIREMENTS

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PRE-QUALIFICATION ACTIVITY

Except as provided in this section, respondents are prohibited from contacting or lobbying the County, County Administrator, Commissioners, County staff, and Review Committee members, or any other person authorized on behalf of the County related or involved with the solicitation. All inquiries on the scope of work, specifications, additional requirements, attachments, terms and general conditions or instructions, or any issue must be directed in writing, by US mail or email to: Santa Rosa County Procurement Office, 6495 Caroline Street, Suite M Milton Fl. 32570. Email; bidinfo@santarosa.fl.gov.

All questions or inquiries must be received no later than the last day for questions stated in the RFQ & Legal Notice. Any addenda or other modification to the documents will be issued by the County five (5) days prior to the date and time of closing, as written addenda, and will be posted to the Santa Rosa County website at <https://www.santarosa.fl.gov> keyword; Bid Opportunities.

Such written addenda or modification shall be part of the documents and shall be binding upon each respondent. Each respondent is required to acknowledge receipt of any and all addenda in writing and submit with their submittal. No respondent may rely upon any verbal modification or interpretation.

PROPOSED SCHEDULE

Invitation Published	December 11, 2020
Deadline for Questions	December 29, 2020 @ 4:30 p.m.
Qualifications Due	January 12, 2021 @ 10:00 a.m.
Qualification Reviews/Evaluation	January 12-27, 2021
Recommendation Due	January 27, 2021 @ 12:00 p.m.
Award by BOCC	February 4, 2021
Notification of Award	February 11, 2021 (TBD)

PREPARATION OF RFQ

The respondent shall submit their qualifications in accordance with the public notice. Any response which contains any omissions, erasures, alterations, additions, irregularities of any kind, or items not called for which shall in any manner fail to conform to the conditions of public notice may be rejected.

A response submitted by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature). The official address of the partnership shall be shown below the signature.

A response submitted by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature.

A response submitted by an individual shall show the respondent's name and official address.

A response submitted by a joint venture shall be executed by each joint venture in the manner indicated on the response form. The official address of the joint venture must be shown below the signature.

It is preferred that all signatures be in blue ink with the names type or printed below the signature. Santa Rosa County does not accept electronic signatures in response submissions.

The response shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the form. The address and telephone # for communications regarding

the response shall be shown.

If the respondent is an out-of-state corporation, the response shall contain evidence of respondent's authority and qualification to do business as an out-of-state corporation in the State of Florida. A state contractor license # for the State of Florida shall also be included on the response form. Respondent shall be licensed in accordance with the requirements of Chapter 489, Florida Statutes.

The Response shall be based upon the completion of the Work according to the drawings and specifications, together with all addenda thereto.

Responses must include lump sum pricing. Use Response Form provided in this document. All proposed fees and costs must be broken down and disclosed in the response.

SUBMITTAL OF RESPONSE

Qualifications shall be submitted no later than the date and time prescribed and at the place indicated in the advertisement and shall be sealed and clearly labeled with the words "**RFQ 21-006 Design Services Contracts for Professional Engineering Services**", name of respondent/firm and date and time of opening so as to guard against premature opening of any submittal. It is the respondent's responsibility to assure that its submittal is delivered at the proper time and place. Offers by email, facsimile, or telephone will NOT be accepted.

INTEGRITY OF RESPONSE DOCUMENTS

Respondents shall use the original documents provided by the Santa Rosa County Procurement Office and enter information only in the spaces where a response is requested. Respondents may use an attachment to the documents if sufficient space is not available. Any modifications or alterations to the original documents by the respondent, whether intentional or otherwise, will constitute grounds for rejection of a submittal. Any such modification or alteration that a respondent wishes to propose must be clearly stated in the respondent's response in the form of an addendum to the original documents.

WITHDRAWAL OF SUBMITTALS

Any Respondent may withdraw its Submittal, either personally or by written request, at any time prior to the scheduled time for opening Submittals.

INTERPRETATION

No oral interpretation will be made to any Respondent as to the meaning of the drawings or specifications. Every interpretation made to a Respondent will be in the form of an Addendum to the specifications. Addenda will be furnished to each Responder, but it shall be the Responder's responsibility to make inquiry as to Addenda issued. All such addenda shall become part of the contract and all Responders shall be bound by such Addenda whether or not received by the Responders.

RESPONSES TO REMAIN SUBJECT TO ACCEPTANCE

All responses will remain subject to acceptance or rejection by Santa Rosa County for sixty (60) calendar days after the day of the response opening. The County may, in its sole discretion, release any response and return the response security prior to the end of this period.

CONDITIONAL & INCOMPLETE RESPONSES

Santa Rosa County specifically reserves the right to reject any conditional response.

ADDITION/DELETION OF ITEM

The County reserves the right to add or delete any item from this response or resulting contract when deemed to be in the County's best interest.

FAMILIARITY WITH LAWS

All applicable Federal and State laws, County and municipal ordinances, orders, rules and regulations of all authorities having jurisdiction over the project shall apply to the response throughout, and they will be deemed to be included in the contract the same as though they were written in full therein.

EXAMINATION OF DOCUMENTS AND SITE

Before submitting their proposal, the Responder shall familiarize themselves with the nature and extent of the work and any local conditions that may in any manner affect the work to be done and the equipment, materials, and labor required. Responder shall also examine all drawings, specifications, addenda and other Contract Documents to be thoroughly informed regarding any and all conditions and requirements that may in any manner affect the work to be performed under the contract.

RIGHT TO REJECT PROPOSAL

The Owner reserves the right to waive informalities in responses to reject any or all responses with or without cause and accept the response that in its judgment is in the best interest of the County.

DISQUALIFICATION OF RESPONDENTS

Any of the following reasons may be considered as sufficient for the disqualification of a respondent and the rejection of its response:

Submission of more than one proposal for the same work from an individual, firm or corporation under the same or different name. Evidence that the respondent has a financial interest in the firm of another respondent for the same work.

Evidence of collusion among respondents. Participants in such collusion will receive no recognition as respondents for any future work of the County until such participant has been reinstated as a qualified respondent.

Uncompleted work which in the judgment of the County might hinder or prevent the prompt completion of additional work if awarded.

Failure to pay or satisfactorily settle all bills due for labor and material on former contracts in force at the time of advertisement of proposals. Default under previous contract.

Listing of the respondent by any Local, State or Federal Government on its barred/suspended vendor list.

DISCRIMINATION

An entity or affiliate who has been placed on the discriminatory vendor list may not submit a response on a contract to provide goods or services to a public entity, may not submit a response on a contract with a public entity for the construction or repair of a public building or

public work, may not submit responses on leases of real property to a public entity, may not award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

REVIEW OF PROCUREMENT DOCUMENTS

Per Florida Statute 119.071 (1) 2, sealed responses, proposals, or replies received by the County pursuant to a competitive solicitation are exempt from public disclosure until such time as the County provides notice of an intended decision or until 30 days after opening the responses, proposals, or final replies, whichever is earlier.

COMPLIANCE WITH FLORIDA STATUTE 119.0701

The Respondent shall comply with all the provisions of section 119.0701, Florida Statutes relating to the public records which requires, among other things, that the Respondent: (a) Keep and maintain public records; (b) Provide the public with access to public records on the same terms and conditions that the public agency would provide the records; (c) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (d) Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the respondent upon termination of the contract.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (850) 983-1925, wandap@santarosa.fl.gov; 6495 CAROLINE STREET, SUITE C, MILTON, FLORIDA 32570.

SUSPENSION OR TERMINATION FOR CONVENIENCE

The County may, at any time, without cause, order Vendor in writing to suspend, delay or interrupt the work in whole or in part for such period of time as the County may determine, or to terminate all or a portion of the Contract for the County's convenience. Upon such termination, the Contract Price earned to the date of termination shall be paid to Vendor, but Vendor waives any claim for damages, including loss of profits arising out of or related to the early termination. Those Contract provisions which by their nature survive final acceptance shall remain in full force and effect. If the County orders a suspension, the Contract price and Contract time may be adjusted for increases in the cost and time caused by suspension, delay or interruption. No adjustment shall be made to the extent that performance is, was or would have been so suspended, delayed or interrupted by reason for which Vendor is responsible; or that an equitable adjustment is made or denied under another provision of this Contract.

FAILURE OF PERFORMANCE/DELIVERY

In case of default by the Vendor, the County after due notice (oral or written) may procure the necessary supplies or services from other sources and hold the Vendor responsible for difference in cost incurred. Continuous instances of default shall result in cancellation of the award and removal of the Vendor from the response list for duration of one (1) year, at the option of the County.

AUDIT

If requested, respondent shall permit the County or an authorized, independent audit agency to

inspect all data and records of respondent relating to its performance and its subcontracts under this response from the date of the award through three (3) years after the expiration of contract.

NON-COLLUSION

Respondent certifies that it has entered into no agreement to commit a fraudulent, deceitful, unlawful or wrongful act, or any act which may result in an unfair advantage over other respondents. See Florida Statute 838.22.

PUBLIC ENTITY CRIME INFORMATION

Pursuant to Florida Statute 287.133, a respondent may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the response package.

INVESTIGATION OF RESPONDENT

The County may make such investigations, as it deems necessary to determine the stability of the respondent to perform the work and that there is no conflict of interest as it relates to the project. The respondent shall furnish to the Owner any additional information and financial data for this purpose as the County may request.

CONE OF SILENCE CLAUSE

The Santa Rosa County Board of County Commissioners has established a solicitation silence policy (Cone of Silence Clause) that prohibits oral and written communication regarding all formal solicitations for goods and services (formal responses, Request for Proposals, Requests for Qualifications) issued by the Board through the Procurement Office. The period commences from the date of advertisement until award of contract. All communications shall be directed to the Procurement Office.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the response package.

EVALUATION OF RESPONSES AND AWARD OF CONTRACT

Santa Rosa County Staff will review all responses and will provide the recommendation to award to the Procurement Office, the County Administrator and the Board of County Commissioners. The County will award the contract to the responsive and responsible vendor(s). The County reserves the right to award the contract(s) to the respondent submitting the qualification demonstrating expertise in each discipline requested. s in the best interest of the County with a resulting negotiated agreement which is most advantageous and in the best interest of the County, and to reject any and all responses or to waive any irregularity or technicality in responses received. Santa Rosa County shall be the sole judge of the response and the resulting negotiated agreement that is in its best interest and its decision shall be final.

Santa Rosa County reserves its right to reject any or all Responses, including without limitation nonconforming, nonresponsive, unbalanced or conditional Responses. The County further

reserves the right to reject the Response of any Responder whom it finds after reasonable inquiry and evaluation to not be responsible. In evaluating Responders, the County may consider the qualifications of Responders and may consider the qualifications and experience of Subcontractors, Suppliers, and other individuals or entities proposed for those portions of the Work for which the identity of Subcontractors, Suppliers, and other individuals or entities must be submitted with the Response Form.

Santa Rosa County reserves the right to waive any informalities or reject any and all responses, in whole or part, to utilize any applicable state contracts in lieu of or in addition to this response and to accept the response that in its judgment will best serve the interest of the County.

Santa Rosa County reserves the right to reject any conditional responses and will normally reject those which made it impossible to determine the true amount of the response. Each item must be response separately, and no attempt is to be made to tie any item or items to any other item or items.

FORM OF AGREEMENT:

The Contract form shall be provided by the County Attorney. The successful contractor shall, within 10 days after receipt of the Notice of Award and the contract forms or documents, sign and deliver to the County Legal Office all required contract documents. The awarded contractor shall also deliver the policies of insurance or insurance certificate as required. All insurance documents shall be approved by Santa Rosa County Legal Office before the successful contractor may proceed with the work.

SECTION III.
SANTA ROSA COUNTY DOCUMENTS AND FORMS

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CONE OF SILENCE FORM

The Board of County Commissioners have established a solicitation silence policy (Cone of Silence) that prohibits oral and written communication regarding all formal solicitations for goods and services (ITB, RFP, ITQ, ITN, and RFQ) or other competitive solicitation between the responder (or its agents or representatives) or other entity with the potential for a financial interest in the award (or their respective agents or representatives) regarding such competitive solicitation, and any County Commissioner or County employee, selection committee member or other persons authorized to act on behalf of the Board including the County's Architect, Engineer or their sub- consultants, or anyone designated to provide a recommendation to award a particular contract, other than the Procurement Department Staff.

The period commences from the time of advertisement until contract award.

Any information thought to affect the committee or staff recommendation submitted after responses are due, should be directed to the Procurement Officer or an appointed representative. It shall be the Procurement Officers decision whether to consider this information in the decision process.

Any violation of this policy shall be grounds to disqualify the respondent from consideration during the selection process.

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

I, _____ representing _____
(Print) (Company)

On this _____ day of _____ 2021 hereby agree to abide by the County's "Cone of Silence" clause and understand violation of this policy shall result in disqualification of my proposal/submittal.

(Signature)

SWORN STATEMENT UNDER SETION 287.133 (3) (A)
FLORIDA STATUTE ON PUBLIC ENTITY CRIMES

*THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER
AUTHORIZED TO ADMINISTER OATHS.*

1. This sworn statement is submitted with Response, Proposal or Contract for: _____
2. This sworn statement is submitted by, _____, whose business address is, _____, and (if applicable) Federal Employer Identification Number (FEIN) is _____ (if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement).
3. My name is _____ and my relationship to the entity named above is _____ (title).
4. I understand that a "public entity crime" as defined in paragraph 287.133 (1) (g) Florida Statute, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to , any response or contract for goods or services to be provided to any public entity or any agency or public subdivision of any other state or of the United States and involved antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentation.
5. I understand that "convicted" or "convicted" as defined in paragraph 287.133 (1) (b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime with or without an adjudication of guilt, in any federal or state trial court of records relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287 .133 (1) (a), Florida Statutes, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one of shares constituting a controlling income among persons when not for fair interest in another person, or a pooling of equipment or income among persons when not for fair market value under an length agreement, shall be a prima facie case that one person controls another person. A person who knowingly convicted of a public entity crime, in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in paragraph 287 .133 (1) (e), Florida Statutes, means any natural person or entity organized under the laws of the state or of the United States with the legal power to enter into a binding contract provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

- ☐ Neither the entity submitting this sworn statement, nor any officers, directors, executive, partners, shareholders, employees, member, or agents who are active in management of the entity, nor affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- ☐ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 And (please attach a copy of the final order)
- ☐ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)
- ☐ The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by, or pending with, the department of General Services)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM

Name

Signature

Date

PERSONALLY APPEARED BEFORE ME, the undersigned authority, who, after first being sworn by me, affixed his/her signature at the space provided above on this day of _____, 20__, and is personally known to me, or has provided _____ as identification.

STATE OF FLORIDA

COUNTY OF: _____

Notary Public

My Commission expires: _____

DEBARMENT FORM

Certification Regarding Debarment, Suspension, And Other Responsibility Matters

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or Local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or Local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name: _____ Title: _____

Signature: _____

Firm: _____

Street Address: _____

City: _____

State: _____ Zip Code: _____

Solicitation Name _____ # RFQ 21-006

REFERENCES FORM

List work which best illustrates current qualifications relevant to this solicitation accomplished by personnel that will be assigned to the County's project. List at least three but no more than five (5) projects. (This form may be reproduced.)

YOUR FIRMS NAME _____
PROPOSAL POINT OF CONTACT _____ PHONE _____
EMAIL _____

REFERENCE I.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

REFERENCE II.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

REFERENCE III.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

CONFLICT OF INTEREST DISCLOSURE FORM

For purposes of determining any possible conflict of interest, all respondents, must disclose if any Santa Rosa Board of County Commissioner, employee(s), elected officials(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

Indicate either "yes" (a county employee, elected official, or agency is also associated with your business), or "no". If yes, give person(s) name(s) and position(s) with your business.

Yes: _____ No: _____

Name(s)

Position(s)

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

FIRM NAME: _____

BY (PRINTED): _____

BY (SIGNATURE): _____

TITLE: _____

ADDRESS: _____ State _____ Zip Code _____

PHONE NO: _____

E-MAIL: _____

Date: _____

SANTA ROSA COUNTY, FLORIDA



RFQ 20-006 Design Services Contract for Professional Engineering Services

December 2020

**OWNER: BOARD OF COUNTY COMMISSIONERS
SANTA ROSA COUNTY, FLORIDA**

**SAM PARKER
ROBERT A. "BOB" COLE
JAMES CALKINS
DAVE PIECH
COLTON WRIGHT**

**DISTRICT I
DISTRICT II
DISTRICT III
DISTRICT IV
DISTRICT V**

REBECCA JONES, P.E., ASSISTANT COUNTY ENGINEER

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Design Services Contract for Professional Engineering Services Minimum Specifications

Santa Rosa County is seeking design services of professional engineering firms in providing general engineering services. The County intends to award design services for continuous contracts to no fewer than three (3) firms deemed to be the most highly qualified to perform the required services. In determining whether a firm is qualified, the County shall consider such factors as the ability of professional personnel; whether a firm is a certified minority business enterprise; past performance; willingness to meet time and budget requirements; recent, current, and projected workloads of the firms; and the volume of work previously awarded to each firm by or within Santa Rosa County, with the object of effecting an equitable distribution of contracts among qualified firms, provided such distribution does not violate the principle of selection of the most highly qualified firms. The RFQ submission is outlined under "Proposal Requirements".

A "continuing contract" is a contract for professional services entered into in accordance with all the procedures of this act between an agency and a firm whereby the firm provides professional services to the agency for projects in which the estimated construction cost of each individual project under the contract does not exceed \$4 million, for study activity if the fee for professional services for each individual study under the contract does not exceed \$500,000, or for work of a specified nature as outlined in the contract required by the agency, with the contract being for a fixed term or with no time limitation except that the contract must provide a termination clause. Firms providing professional services under continuing contracts shall not be required to bid against one another (FS 287.055).

Firms should demonstrate their knowledge of emergency and disaster federal grant programs (FEMA, EWP) and experience with similar projects within their qualifications.

Project Scope

Santa Rosa County has identified six (6), listed below, projects to be developed between the Consultant and Santa Rosa County.

- ADA Kayak Launch at the Navarre Beach Marine Park
- Mayo Park – Shoring of Creek Bank & Seawall
- Florida Town – Pier, Erosion & Stormwater
- Navarre Park – Seawall, Pier, Sidewalk, Walking Bridge & Electrical
- Ashmore / Garden View Drainage Study and Improvements
- Bal-Alex Boat Ramp – Erosion, Stormwater, & Boat Ramp

Additional engineering projects will be issued by the County on an as-needed basis, under this design services contract.

Period of Performance

Firms selected by the Santa Rosa County will provide engineering services to the County on an

as-needed basis, based upon task orders to be issued by the County under the continuing services contracts. The contracts shall be renewed automatically on an annual basis, unless terminated by the County in writing, for a maximum of three (3) years from the date of execution.

Anticipated Schedule and Deadlines

Proposals will be immediately evaluated and ranked following the proposal due date as outlined in the evaluation criteria and selection process. It is expected that the Board of County Commissioners will approve the highest-ranking firms. The top three (3) firms that are ranked as most qualified should be prepared to provide a scope of work and fee proposal in an expedited manner. The County Administrator, or his designee, will assign the anticipated projects to the selected firms. Upon contract execution and issuance of a Notice to Proceed, the selected firms will be expected to immediately commence design efforts.

Federal Funding Requirements

The anticipated projects will be submitted for consideration of federal funding programs. As such, the federal requirements for selected engineering firm(s) and all sub-contractor(s) must comply with Code of Federal Regulations (2 CFR Part 200), Appendix II. The selected firm(s) will be required to provide said documentation after the selection process has been completed:

- Certification that they are not debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in this project by any Federal department or agency.
- Submit a Truth in Negotiation Certification form which will be included as an attachment to the Standard Professional Services Agreement.
- Utilization of Small and Minority Businesses, Women's Business Enterprises and Labor Surplus Area Firms: The selected engineering firm must take all necessary affirmative steps to assure that small, minority, and women-owned businesses are utilized when possible, in accordance with 2CFR 200.321. If subcontracts are to be let, prime contractor will require compliance of this provision by all sub-contractors. Prior to contract award, the contractor shall document efforts to assure that such businesses are solicited when there are potential sources; that the contractor made an effort to divide total requirement, when economically feasible, into smaller tasks or quantities to permit maximum participation by such businesses; and, that the contractor has established delivery schedules, where permitted, to encourage such businesses respond. Contractor and subcontractor shall utilize service and assistance from such organizations as SBA, Minority Business Development Agency of the Department of Commerce, the Florida Department of Management Services (Office of Supplier Diversity), the Florida Department of Transportation, Minority Business Development Center, and Local Government M/DBE programs, available in many large counties and cities. Documentation, including what firms were solicited as suppliers and/or sub-contractors, as applicable, shall be included with the bid proposal.

Proposal Requirements

Qualifications shall be demonstrated in a written proposal and include the following information tabbed as instructed below:

Tab 1 - Letter of Interest

Respondent shall submit a letter of interest signed by a corporate officer or principal or an authorized representative of the prime consultant authorized to obligate the firm contractually. The letter shall include the business address, telephone number, e-mail and the name of the prime consultant that the County can contact for additional information (2-page limit).

Tab 2 - Company Profile

Respondent shall provide a brief profile of their company, which should include their firm's legal name; history; business structure; designation of the legal entity by which business operates (sole proprietor, partnership, corporate, LLC, etc.); type of ownership (small business, small disadvantaged business or W/MBE business); length of company's existence; locations of their parent company, branch or subsidiary and proposed project team; total number of personnel including personnel by discipline; and firm's field of expertise.

Tab 3 – Qualifications of Key Personnel

Describe the education, experience and relevant abilities of key personnel and proposed subcontractors who will be responsible for project completion and identify their precise role in accomplishing the work. Awards, certifications and other information demonstrating personal and professional integrity and competence should be included. Include information on current and projected workloads of each key personnel to demonstrate ability to meet time requirements.

Tab 4 – Approach to Project/Understanding

Demonstrate understanding of proposed project types and the technical approach to be taken in addressing the proposed work. Identify specific issues for this work that are unique or problematic, and what steps should be taken to address these complex issues. The description shall include understanding of design and permitting in Coastal areas; project schedule/work management plan strategy to outlining the service performance time expected for project types. Identify financial issues that may increase costs. Quality Assurance/Quality Control: The qualifying firm shall provide documentation of its quality assurance/control program, which details the system and checks it uses to ensure quality products.

Tab 5 – Firm Familiarity with federally funded projects and FEMA Requirements

Identify the firm's prior work experience with federal grant programs, particularly those subject to the Office of Management and Budget's Uniform Guidance (2 CFR 200). List each project separately to include jurisdiction name, project name and type, and grant amount. Describe specific areas of expertise and knowledge of the federally funded projects including FEMA and EWP.

Tab 6 – Similar Project Experience

Identify ten (10) of the firm's prior project experience, within the last five years, specific to surveying; geotechnical services; engineering design, stormwater design, environmental design, piers, docks and boat ramps, development of construction plans; project cost estimates; bid document preparation; post construction engineering services and other miscellaneous engineering and planning services. Please detail dollar value of each related contract and your time schedule for accomplishing the respective phases of basic services. Indicate the individuals on your staff who had responsibility for each project and whether these people are still with your firm.

Tab 7 – Professional References

Provide a list of references with names, titles, phone numbers and e-mail addresses of persons representing the owner and general contractor for at least five (5) similar projects identified in Tab 6.

Selection Process and Criteria

Professional services are being procured in accordance with the Consultants' Competitive Negotiation Act (F.S. 287.055) and Office of Management and Budget Uniform Guidance for Federal Awards (2 CFR 200). The selection process will also be in accordance with the most current version of *Santa Rosa County's Procurement and Purchasing Policy Manual*, which is available upon request.

The most highly qualified firm(s) will be selected based on such factors as the ability of professional personnel; whether a firm is a certified minority business enterprise; past performance; willingness to meet time and budget requirements; location; current and projected workloads of the firm; and the volume of work previously awarded to each firm by the agency, with the object of effecting an equitable distribution of contracts among qualified firms, provided such distribution does not violate the principle of selection of the most highly qualified firms.

Other factors that may be considered include a demonstrated knowledge of federal grant programs including familiarity with FEMA's Benefit Cost Analysis technical process as well as prior design experience with Santa Rosa County specific to federally funded projects.

The criteria and weighting that will be used to evaluate and score proposals is outlined on the Evaluation Criteria and Scoring Form, attached as Exhibit B.

Representatives from the County Engineering Department and Procurement Department will review the submittals for completeness. Those submittals deemed complete and responsive will be forwarded to the Evaluation Committee.

Evaluation Committee

1. Evaluation Committee may consist of 3 to 5 staff members or the Board of County Commissioners. Initial scoring and final ranking may be determined by separate Evaluation Committees.
2. The County Administrator or designee shall determine the Evaluation Committee (s) that will best serve the needs of the County.
3. Membership of all Evaluation Committees shall be approved by the County Administrator or designee and shall have a conflict of interest form on file.
4. Evaluation of Submittals. Only written responses of statements of qualifications, performance data, and other data received in the procurement office by the publicized submission time/date shall be evaluated.
5. The initial ranking of submittals is based upon the points given in the RFQ Respondent Instructions. (Appendix B)
6. Shortlisting. The best qualified respondents shall be based upon the Evaluation Committee's ability to differentiate applicable to the scope and nature of the services to be performed as indicated by the ratings. Typically, the top three rated firms, if there are at least three responsive respondents, will be considered as the shortlisted firms, unless the County Administrator, after input and discussion with the Evaluation Committee, approves adding additional firms to the shortlist.
7. Presentations/ Interviews. The Evaluation Committee may choose to conduct formal presentation/interviews with shortlisted firms prior to final ranking.
8. Final Ranking. The Evaluation Committee or the Board of County Commissioners, as appropriate, shall use the ordinal process to rank the firms. The respondents shall be listed in order of preference. The list of best-qualified persons shall be approved by the County Administrator or Board, as appropriate, prior to beginning contract negotiations.

APPENDIX A **RFP EVALUATION CRITERIA SCORING MATRIX**

EMERGENCY SERVICES CONTRACTS **FOR PROFESSIONAL ENGINEERING SERVICES**

Evaluation Factors		Names of Firms			
	Points Available	FIRM 1	FIRM 2	FIRM 3	FIRM 4
Understanding of Request and inclusion of all required documentation	20				
Ability to devote the needed time and staff resources to the project based on current workload to commence services and complete services within time parameters	20				
Demonstration of knowledge or unique qualifications for proposed project types for consultant staff to effectively administer the projects (design/permitting).	10				
Firm's designation as certified minority business enterprise, women's business enterprise, or labor surplus firm.	5				
Firms previous experience with design on federally funded projects.	10				
Project personnel's experience in public sector federally funded projects. Provide an example for each design staff member proposed.	10				
Similar project experience and performance in design and permitting with the project types.	10				
Firm's QA/QC procedures (record keeping, QA/QC for design standards, communication to client)	5				
Firm's reputation and competence including technical education, training, timeliness, cost control and quality of work. Provide 3 reference letters regarding 3 different projects for similar public sector projects.	10				
TOTAL POINTS:	100				

DIRECTIONS: Score each firm in each category. In the event of a tie, an alternate evaluator will be asked to evaluate the firms based on the submitted proposals. The alternate score will be the tie-breaker.

Evaluator's Name: _____

Signature: _____

Time spent reviewing submittals: _____ hrs

Date: _____

Point Spread (score can be between ranges below)

20 Point scale:	20 = Perfect	15 = Good	10 = Missing key elements
10 Point scale:	10 = Perfect	10 = Good	5 = Missing key elements
5 Point scale:	5 = Perfect	3 = Good	1 = Missing key elements

Appendix B

Santa Rosa County Contractors/Business Insurance Requirements November 2017

The submitter receiving an award will obtain or possess the following insurance coverage's and will provide Certificates of Insurance to the OWNER to verify such coverage.

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Contractor will provide a copy of their Exemption Certificate and Articles of Incorporation if claiming exception to Workers Compensation requirement. The Division of Workers' Compensation offers an online system for applicants to apply for or renew a Certificate of Election to be Exempt from Florida's Workers' Compensation Law, modify an exemption application, or print their certificate. The website is wc_exemption@myfloridacfo.com.

Architects and Engineers Professional Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$3,000,000 aggregate.

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage.

This shall include coverage for:

- a. Premises/operations
- b. Products/complete operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of 500,000 per person/500,000 per accident and 500,000 for property damage are required.

This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

- 1) Prior to execution of a contract or agreement, certificates of insurance will be produced that shall provide for the following:

- a. Santa Rosa County shall be named as an additional insured on the commercial general liability policy, including products/completed operations coverage.
 - b. Santa Rosa County shall be named as an additional insured on the business auto liability policy.
 - c. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.
- 2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.
- 3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations.
- 4) In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

APPENDIX C

Title 2 Part 200

Appendix II

Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

2:1.1.2.2.1.6.51.23.6 : Appendix II

In addition to other provisions required by the Federal agency or non-Federal entity, all contracts made by the non-Federal entity under the Federal award must contain provisions covering the following, as applicable.

(A) Contracts for more than the simplified acquisition threshold currently set at \$150,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

(B) All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal entity including the manner by which it will be effected and the basis for settlement.

(C) Equal Employment Opportunity. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with

the Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

(E) Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

(F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of "funding agreement" under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

(G) Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended - Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

(H) Debarment and Suspension (Executive Orders 12549 and 12689) - A contract award (see 2 CFR 180.220) must not be made to parties listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of

parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

(I) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) - Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

(J) See § 200.322 Procurement of recovered materials.

[78 FR 78608, Dec. 26, 2013, as amended at 79 FR 75888, Dec. 19, 2014]

M

**MOTT
MACDONALD**

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Copy

Santa Rosa County RFQ 21-006

Design Services Contract for Professional Engineering Services

January 12, 2021



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Santa Rosa County
Procurement Department
6495 Caroline Street
Suite L
Milton, FL 32570

Mott MacDonald
220 W. Garden Street
Suite 700
Pensacola, FL 32502
P: 850.484.6011
F: 850.484.8199

mottmac.com

Re: RFQ 21-006 Design Services Contract for Professional Engineering Services

January 12, 2021

Dear Members of the Selection Committee,

The communities within Santa Rosa County are vibrant and offer a four-season paradise focused on residents and tourists alike. Known for beautiful land and coasts, it is critical that we maintain our environment and infrastructure for the citizens, visitors, and seasonal residents to enjoy. Because of our area's increased vulnerability to extreme storms, it is imperative that engineering projects are designed and constructed to be resilient and sustainable while maintaining focus on developing low-cost and low-maintenance facilities. This mission should be backed by a team you trust.

As a local firm, Mott MacDonald possesses knowledge of the local site conditions, planned improvements, funding and regulatory challenges, and an overall understanding of the needs required to develop resilient infrastructure to maintain our environment. Our project office in Pensacola has over 80 professional staff who have successfully completed numerous engineering projects, lending to a comprehensive understanding of these project's possible complexities. Additionally, we possess incredible in-house coastal expertise with specialists who have spent 15+ years analyzing the Gulf Coast and developing 150+ coastal protection and restoration projects from Texas to Florida. We recognize that a practical and achievable plan in concert with Santa Rosa County's vision will be critical to the successful execution of every project.

Mott MacDonald is a global engineering, management, and development consultancy firm with a wealth of experience in a wide variety of projects in Northwest Florida, the US, and across the globe. Innovative solutions, advanced analysis and modeling technology, and concentrated design experience are hallmarks of our engineers. Our presence in Santa Rosa County and Northwest Florida, combined with the available resources of our local and nationwide network, offer the benefit of responsiveness and personalized services, depth of expertise, range of experience, attention to detail, and ensure efficient project execution and excellent project performance.

We believe that the Mott MacDonald team is highly qualified for these design and engineering services, and we offer you multiple benefits:

Strong Desire to Serve Santa Rosa County. Our local team has worked as an extension of your staff for over 20 years; surveying, designing, and overseeing construction of roadways, stormwater, site development, utilities, structures, and marine projects. We understand your needs and want to continue this working relationship.

An exceptional team of local management and technical experts. With over 80 professionals based in Pensacola, Mott MacDonald has local staff to address every design challenge. Mr. Heath Jenkins, PE will direct the efforts of the assembled team and will serve as the County's point of contact with the firm. Mr. Jenkins brings a wealth of civil design, project management, and construction administration experience to this project team and has worked with Santa Rosa County for 16 years. Tullo Planning Group (TPG), our proposed subconsultant, has worked on numerous projects with Mott MacDonald and is ready to provide innovative thinking and a hands-on approach. In addition to TPG, the proposed staff can be supported by other qualified subconsultants as necessary over the lifetime of these contracts to respond promptly to your needs.



Strong Firm Capabilities to Address All Aspects of Emergency Planning and Response

Mott MacDonald's Team has "lived" through natural disaster events and their effects on the local infrastructure spanning from Hurricane Opal in 1995 to Hurricane Sally just this past year. In addition to serving as design consultants under similar continuing engineering services contracts for many other municipalities in Florida, Mott MacDonald has successfully completed water, wastewater, roads, drainage, and structural design projects combating the effects of these natural disasters. We are familiar with executing small and large projects quickly and efficiently. We also bring extensive success providing funding opportunities through FEMA, FDOT, CDBG/DEO, FHWA, USDA, FDEP, and Water Management Districts. Our intimate knowledge with these agencies will allow our team to maintain overall compliance with all applicable regulations, so that eligible costs are reimbursed.

A trusted advisor focused on quality. Dozens of Florida municipalities and government agencies trust their on-call needs to Mott MacDonald. Our proposed team is dedicated to quality and responsiveness. Our clients have seen us as a trusted advisor for decades and we consistently receive repeat business, providing planning, grant assistance, feasibility studies, and support from design through construction of projects large and small. This is a partnership that we take seriously and value greatly. We want to be an extension of the County's staff and support your success.

On-schedule and on-budget service. We realize that project budgets and schedules are of critical importance to the County. We employ an in-house quality control system that ensures the team's ability to meet schedules within the established budgets for the proposed projects. Our team is ready to work collaboratively with the County's staff to provide the utmost quality service and deliverables for every project.

We appreciate the opportunity to continue working in partnership with Santa Rosa County and ask that you select Mott MacDonald to deliver these most important projects.

Sincerely,

A handwritten signature in blue ink, appearing to read 'D. Skipper', with a stylized flourish at the end.

David Skipper, PE
Senior Vice President
david.skipper@mottmac.com

A handwritten signature in blue ink, appearing to read 'H. Jenkins', with a stylized flourish at the end.

Heath Jenkins, PE
Program Manager
heath.jenkins@mottmac.com

Company profile

About the firm

Mott MacDonald is a global engineering, management, and development firm delivering innovative solutions for both public and private clients. Mott MacDonald has won more than 550 international awards since 2007, and was named Global Consultant of the Decade in 2013 by New Civil Engineer and the Association for Consultancy & Engineering.

Mott MacDonald in North America (formerly the joint venture Hatch Mott MacDonald) is a practice-driven organization, led by a network of national and regional practice leaders who are experienced professionals. While we are conventionally structured, our practice culture seeks to ensure the consistent delivery of excellent services, regardless of location.

We provide our clients the advantages of size and stability that come from a \$2 billion international engineering consultant paired with the personal service and accessibility of a small, local firm.



Staff by discipline

The table below displays the number of professionals currently staffed in Mott MacDonald's Pensacola office by discipline:

Category	Number
Civil Engineers	11
Transportation Engineers	1
Water Resource Engineers	3
Environmental Engineers	1
Structural Engineers	7
Electrical Engineers	3
Mechanical Engineers	1
CADD Designers	6
Construction Managers	3
Inspectors/CEI Staff	10
Surveyors	1
Support Staff	15
Total	62



Legal name

Mott MacDonald Florida, LLC



Designation of entity

Limited Liability Company



Length of existence

Established in Florida in 1970, a total of 51 years.



Parent company

Mott MacDonald Group, Inc.
111 Wood Avenue South
Iselin, NJ 08830



Engineers Basil Mott and David Hay, having worked together since 1888 on the City and South London Railway, entered into partnership under the name Mott & Hay in 1902.

Our history

Headquartered in Croydon, UK, Mott MacDonald was founded in 1902 (as Mott & Hay) by engineers Basil Mott and David Hay. Since 1888, both men had worked together on the City and South London Railway. The Mott MacDonald Group gained its current name in 1989, when Mott, Hay & Anderson (as it was then called) merged with Sir M. MacDonald & Partners. As Advisor to Egypt's Ministry of Public Works, Sir Murdoch MacDonald was involved in the construction and the first heightening of the Aswan Dam, which was completed in 1912.

Mott MacDonald has expanded over the years through the acquisition of many companies and now spans the globe, with 180 principal offices in 150 countries.

Mott MacDonald in North America and Florida

Mott MacDonald Florida, LLC was first established in Florida in 1970. In 1996, Mott MacDonald and the Canadian company Hatch created a joint venture called Hatch Mott MacDonald to take advantage of engineering opportunities in North America. The company grew rapidly, notably in 2001 with the acquisition of Killam Associates, gaining a reputation as one of North America's premier water, wastewater, environmental, tunneling, and transit engineering firms. The Killam Group of Companies included the Florida offices of Carlan Killam, which had performed services throughout North Florida for over 50 years.

Since establishing our Florida offices, Mott MacDonald has been largely successful in serving Santa Rosa County and nearly all of its incorporated municipalities. Our experience in the Santa Rosa County area has included major heavy civil design, roadway and drainage improvements, regional stormwater management systems, government and industrial buildings, and a variety of utility infrastructure. Furthermore, our familiarity with the local authorities having jurisdiction, including the local and area district authorities of the USACE, Northwest Florida Water Management District, and Florida Department of Environmental Protection, help us navigate through the permitting approval process more efficiently and effectively.

Expertise

- Asset management
- Aviation
- Buildings
- Coastal
- Digital infrastructure
- Education
- Environment
- Fire and life safety
- Highways and bridges
- Pipelines
- Power
- Ports
- Project delivery
- Rail and transit
- Site development
- Sustainability
- Transportation planning
- Tunnels
- Visualization
- Wastewater
- Water

Track record

The best way to show our broad capabilities and exemplary performance is by identifying clients from whom we consistently receive repeat business. Mott MacDonald believes that clients who continue to use our services are a testament to the quality of the services we provide and that we follow through with the services identified in our proposals.

Listed below are public clients in Florida from whom we consistently receive repeat business and that will attest to our team's outstanding engineering abilities. We go beyond responsive by being their proactive advisor to identify issues before they become problems, assist in grant funding, and see each project through to construction's end. We continue to strengthen these partnerships that have lasted us nearly half a century in Florida and look forward to continuing to build a relationship with Santa Rosa County that is just as successful as these.

Continuing Services Agreement (CSA)

- Santa Rosa County
- City of Pensacola
- Escambia County
- Okaloosa County
- City of Tallahassee
- City of Delray Beach
- City of Panama City
- City of Marianna
- Bay County
- Florida Dept. of Corrections
- City of Springfield
- City of Callaway
- Emerald Coast Utilities Authority
- Pace Water System
- City of Fort Walton Beach
- Town of Havana
- City of Lynn Haven
- City of Quincy
- City of Perry
- City of Flagler Beach
- Big Bend Water Authority
- City of Bonifay
- City of Mary Esther

Repeat Services Client (No CSA)

- Florida Dept. of Transportation
- Gulf Power
- Destin Water Users
- City of Lake City
- Town of Midway
- Town of Grand Ridge
- City of Chipley
- City of Gulf Breeze
- Holmes County

Qualifications of key personnel

Team organization

The Mott MacDonald Team comprises carefully chosen individuals who are local and have the experience and credentials that are specific and relevant to Santa Rosa County's engineering, design and permitting; stormwater design and permitting; environmental design and permitting; piers, docks and boat ramps repair and design; surveying; development of construction plans; project cost estimates; response document preparation; and post construction engineering needs. Under the leadership of Program Manager Heath Jenkins, PE, these individuals are eager to transform the community in which they live. Our complete project team is reflected in our organization chart followed by detailed resumes demonstrating each key person's education, experience, and relevant abilities to complete this project.



Key personnel

The team will be led by our Pensacola-based Program Manager, Mr. Heath Jenkins, PE, who will direct the efforts of the assembled team and ensure a forward vision for each project. Mr. Jenkins is ideal to serve in this role due to his experiences as a project manager on a multitude of projects that encompassed a variety of endeavors, including transportation, aviation, and land development.

Mr. Jenkins will be assisted in managing the overall contract and the various tasks associated with it by Ms. Amber Kirk, PE. Ms. Kirk has an extensive background working with the City and other municipalities in the region during her career.

Mr. David Skipper oversees our Florida operations, and will monitor the contract tasks to be sure that the City is receiving the service and manpower needed to complete the projects on schedule and with utmost quality.



Heath Jenkins, PE

Program Manager

- ✓ 16 years of experience with a broad range of technical strengths related to transportation and land development projects
- ✓ Registered professional engineer in Florida
- ✓ Experience in project assessment, analysis, design, permitting, and construction administration



Amber Kirk, PE

Assistant Program Manager

- ✓ 13 years of experience with strengths in drainage, general civil, transportation design and management services on a variety of engineering projects
- ✓ Registered professional engineer in Florida
- ✓ Experienced in financial administration, scheduling, resourcing, and reporting

Project Approach & Methodology

After notice to proceed by the County, Mr. Jenkins and Ms. Kirk will collectively collaborate on a particular assignment, to assemble the appropriate team to accomplish a specific Task Order. This collaboration will be for the purpose of selecting the correct talent pool of staff to effectively and efficiently accomplish the task. Such considerations as staff availability, project requirements, project profile (i.e., high exposure) are all considerations when assembling the team. In addition, a determination of the requirements to involve our identified subconsultants can be made, and they will likewise be consulted at this time.

Prior to determining the team, we begin by meeting with the County staff to discuss a Scope of Work to fully define the objectives relative to project requirements, schedule, and budget. After assessing this information, Mr. Jenkins will prepare and deliver a Scope of Services Task Order proposal, identifying the cost to perform the required consulting services, along with the anticipated timelines to complete the work and a preliminary opinion of probable construction cost.

Workload and availability

Mott MacDonald understands the critical importance of having the right people fully committed to complete every project assigned to the firm, effectively and efficiently. During our tenure as a consulting engineer for Santa Rosa County and other local government entities, we have demonstrated our ability to deliver projects on-time and on-budget.

Based on our understanding of this continuing services contract and the estimated future work for our team, Mott MacDonald fully believes that the identified team members and support staff have availability to complete each project in addition to currently contracted work.

Before we enter into any new contract or task order, we first verify that we have the RIGHT resources to adequately complete the work to the full satisfaction of our client. Mott MacDonald's local program manager, Heath Jenkins, PE, and other key team members are ideally located within a few miles of the County offices. Most other key team members and discipline leads are also located in Pensacola and promptly available to your staff as project needs arise.

We commit to maintain sufficient resources to achieve each project in a timely and efficient manner. Although we are only highlighting our most experienced local and regional staff, we also have many junior and support staff in the same office who will efficiently perform the work under the direct supervision of our project manager and discipline leads.

The adjacent table provides a listing of the key team members, their primary role, and their forecasted percent availability for this contract.

Team Member	Role	Avail. %
Heath Jenkins, PE	Program Manager	50%
Amber Kirk, PE	Assistant Project Manager	50%
Billy Perry, PE	Utilities	20%
Lowry Denty, PE	Structural	20%
Steve White, PE	Drainage Modeling/Design	40%
Kevin Morgan, PE	Civil Site	40%
Josh Carter, PE	Coastal	10%
Casey Connor, PE	Shoreline Restoration/ Protection	20%
Andrew Gibbs, PE	Electrical	20%
Neil Tucker, PE	Environmental/Civil	40%
Bart Hendricks, PE	Bridges	20%
Frank Tucker, PE	Construction Inspection	20%
Thomas McLendon, PE	Roadways	30%
Michael Gund, PE	Construction Inspection	30%
John Boland	Surveying	30%



Heath Jenkins, PE
Program Manager

Total years of experience
16

Years with Mott MacDonald
16

Education
MBA, University of Florida,
2010

BS, Architectural
Engineering, University of
Texas at Austin, 2004

Professional Engineer
FL, #69053, 2009
AL, #31299-E, 2010
MS, #19800, 2010
GA, #035230, 2010
IN, #11200026, 2012
NC, #039501, 2012

Training and memberships

- Inter Connected Pond Routing (ICPR)
- FDOT Pavement Inspection and Distress Repair

Mr. Jenkins is a Principal Project Manager and multi-disciplined civil engineer who has participated in a variety of land development, transportation, drainage and parks and recreation projects. He has experience in project assessment, analysis, design, permitting, and construction administration. His projects have included engineering and quality assurance for parks and recreational facilities, drainage improvements, roadway design, pavement rehabilitation, subdivision design, site planning, master planning, and parcel rezoning.

Selected projects

Ganges and Madura Stormwater Improvements, Santa Rosa County, FL: Project Manager and EOR responsible for design, utility relocations and upgrades, permitting and construction administration for HMGP-funded stormwater improvements. Conducted preliminary analysis of the area drainage basin utilizing ICPR. Improvements included reconstruction of the existing ponds to allow for the addition of littoral shelves and wetland plantings, addition of outfall structures to control flooding, new pipes and inlets, and a stormwater pumping station to convey water to the modified pond facilities.

Jones Swamp Floodplain Restoration, Escambia County, FL: Project Manager for the restoration of 10+ acres of historic wetlands within the Jones Creek floodplain, which was cleared and filled by the U.S. Navy in the 1950's to provide a clearway beyond the southern end of the airfield runway as a safety feature. Responsible for civil engineering design, permitting and limited construction administration services.

Randy Brown Road Extension, Santa Rosa County, Milton, FL: Project Manager for the 1.18-mile roadway extension to connect E Milton Road to Jeff Ates Road to improve access through a developing industrial park and increase interconnectivity north of Highway 90 and the railroad to allow multiple means to the area should roadways become blocked by train.

Fidelis Park Upgrades, Santa Rosa County, Jay, FL: Project Manager responsible for civil engineering design, environmental assessment, and permitting assistance for improvements to Fidelis Park. The project consisted of two distinct components presented separately: recreation improvements and community center assessment.

Carpenter's Creek Repair and Stabilization, City of Pensacola, FL: Project Manager and EOR for the design to restore and armor 400 ft of bank along Carpenter Creek while providing an aesthetically and environmentally conscious repair solution. Required close coordination with the city, FDEP, USACE, and local residents.

Camp Branch Tributary Drainage Hazard Mitigation, City of Bonifay, FL: Engineer of Record. This FEMA funded project will alleviate flooding of an evacuation route through Bonifay's downtown, as well as flooding at the waste water treatment plant based on 25-year events. Aspects of the project included drainage basin modeling and analysis, and engineering design related to stormwater conveyance facilities such as bridges, major culverts, piping stabilized ditch reconstruction, and highway infrastructure. Our team worked closely with FEMA to submit an application for the Hazard Mitigation Grant Program.

Baldwin Road Widening, Bay County, Panama City, FL: Project Manager and Engineer of Record for this 1.5-mile resurfacing, widening, and drainage improvements project. One mile of existing two-lane rural typical section was widened to five-lanes with bike lanes and sidewalk. An additional half-mile two-lane segment was added to the project as a change order, to address severe pavement damage and rutting due to poor subgrade materials. The design called for completed removal of pavement, base, and two feet of subgrade. Curb and gutter and sidewalk was added to one side of the road as well as paved shoulders. Stormwater design consisted of two new wet detention ponds, storm drain system consisting primarily of curb inlets, ditch bottom inlets, and swales.



Amber Kirk, PE
Assistant Program Manager

Total years of experience
13

Years with Mott MacDonald
3

Education
BS, Civil Engineering, Florida State University, 2007

MEng, Civil Engineering, University of Florida, 2010

Professional Engineer
FL, #74003, 2011

Training and memberships
• American Society of Civil Engineers (ASCE)

Ms. Kirk has over 13 years of experience delivering project management and engineering solutions for numerous civil works projects performed on state, local, and international contracts. With a focus on transportation engineering across all phases of the project lifecycle, she has led or supported the analysis, design, modeling, and QA/QC efforts of major and minor construction projects involving roadway, signing/pavement marking, and drainage design. Management responsibilities have included financial administration, scheduling, resourcing, and reporting for contracts up to \$5M. She has presented study and design data to state/local agencies and the public through reports, presentations, and numerous public involvement meetings and research outreach activities.

Selected projects

Santa Rosa County Judicial Center, Santa Rosa County, FL: Project Manager. Program management services for the Santa Rosa County Judicial Center Complex, comprised of a court house building, site development, and roadway connection/improvements in Milton, Florida. The project construction budget is approximately \$35 million with funding secured from a variety of sources. Santa Rosa County retained the services of a Design Build Team (DBT) to design and construct the project. Program management services to be provided will be for Design Phase, Construction Phase, Commissioning, and Threshold Inspection.

FDOT Central Office, General Engineering Contract (GEC), Statewide, FL: Deputy Project Manager. Assisted with administration of over 30 task work orders for the Office of Chief Engineer Contracts C9525 (2011) and C9157 (2015). Tasks completed by Jacobs staff and subconsultants in support of Central Office staff for the development, operation, maintenance and construction of the state highway system. Responsible for assisting with contract administration, coordination with the FDOT project manager and 20+ subconsultants, and ensuring task requirements were met. Also involved as task manager and engineer on contracts C8074 (2007) and C9525 (2011) for various assignments requiring research, coordination, plans development, and calculations for transportation projects and studies.

Parks and Recreation Facilities, City of Pensacola, Pensacola, FL: Project Manager. Assessment of potential project sites, and development plans for soccer fields with associated parking and infrastructure. Mott MacDonald provided services across the project lifecycle for numerous on-call Parks and Recreation task orders, beginning with planning and feasibility studies; extending into survey, design, and public involvement, and concluding with bid and construction phase support.

Beachview Drive Stormwater Improvements, Okaloosa County, Fort Walton Beach, FL: Project Manager. Responsible for alternative analysis, design, and stakeholder coordination. The project involved replacement of the existing stormwater system and design of proposed outfall to Garnier Bayou. This was completed under Okaloosa County's Engineering Services Contract C14-2080-PW.

FDOT District 3, SR 30A, Gulf County, FL: Project Engineer. Widening 7 miles of existing 2-lane rural roadway to 12 foot lanes and addition of paved shoulders, including super elevation corrections on curves and clear zone corrections. Involved with Phase A Study to determine design alternative; assisted in Phase B roadway and drainage design efforts.

High Ridge Road Improvements, Okaloosa County, Crestview, FL: Project Manager. Responsible for roadway design, stormwater modeling, and permitting coordination for this dirt road paving project. This was completed under Okaloosa County's Engineering Services Contract C14-2080-PW.



Billy Perry, PE, SI

Marine Structures

Total years of experience
38

Years with Mott MacDonald
20

Education

BS, Civil Engineering,
Auburn University, 1982

AA, Civil Engineering, Gulf
Coast Community College,
Panama City, FL, 1979

Professional Engineer

FL #40552, 1988

AL #16701, 1988

Special Inspector

FL, #2045, 2003

Trainings and memberships

- Certified Environmental Inspector, 1992
- Certified Building Contractor, 1987, FL
- Environmental Assessment Association
- Florida Engineering Society
- American Water Works Association
- American Society of Civil Engineers
- American Institute of Steel Construction
- National Society of Professional Engineers

Mr. Perry's experience includes overseeing the design, permitting, and construction administration for a variety of port and marine facilities with dredging projects as well as civil/site, stormwater, water and wastewater treatment, collection, and transmission, fuel storage systems, and environmental assessment projects. Mr. Perry is a licensed engineer, state certified special inspector, state certified building contractor, and has been involved in the constructibility reviews on many of Mott MacDonald's more complicated projects. As a senior engineer, Mr. Perry's primary area of expertise is in structural systems, hydraulic structures, and port facilities, and he often serves as lead structural engineer in addition to project management duties.

Selected projects

Perdido Bay Boat Ramp, Pensacola, FL: QA for the coastal analysis and design of a boat ramp. Responsible for the coastal engineering and dredging analysis. Oversaw and performed the collection and statistical analysis of wave, wind, and water surface elevation data, circulation modeling, wave modeling for different return periods, wave hindcasting for daily conditions, sediment transport analysis, and morphology.

Camp Helen State Park Multi-use Tram Path, Panama City, FL: Project Manager for a multi-use tram path that was designed to provide a means for visitors to Camp Helen State Park to access the north side of the park across a busy four-lane highway and for access to a future environmental education center. The path is approximately 2,000 feet long and is comprised of various environmental-friendly surfaces, including porous concrete, porous asphalt, and elevated timber boardwalk.

Hurricane Sandy Waterfront Repairs, NAVFAC, Guantanamo Bay, Cuba: QA/QC Engineer. Design-build project for repairs to the public marina, public beaches, and restoration of the recreational dive park. Work included floating fuel pier replacement, repair/replacement of boat ramp, repairs to damaged walls and roofs, demolition and construction of new cabanas. Dive area work included a two-way ramp access with breakwater and new elevated paved training area. Work also included a new elevated training area, vehicle access and parking with wave run up and erosion protection for 50 year storm event.

Stormwater Treatment Demonstration Project, City of Panama City, FL: Project Director. Watson Bayou in the City of Panama City required continuous dredging due to sediments from stormwater run-off. FDEP funded a demonstration project and through innovations, a design was completed that included using an abandoned sewage pump station wet well as a settling basin, once the well filled, the overflow was routed to the bayou and the sediments in the bottom of the well were pumped to an elevated swirl concentrator which removed the solids that were discharged into a trailer for disposal. The liquid discharge was returned to the well.

Camp Branch Tributary Flood Mitigation, City of Bonifay, FL: Project Director. This FEMA funded project will alleviate flooding of an evacuation route through Bonifay's downtown, as well as flooding at the waste water treatment plant based on 25-year events. Aspects of the project include drainage basin modeling and analysis, and engineering design related to stormwater conveyance facilities such as bridges, major culverts, piping, stabilized ditch reconstruction, and highway infrastructure. Our team worked closely with FEMA to submit an application for the Hazard Mitigation Grant Program.

FWB Stormwater Master Plan, City of Ft. Walton Beach, FL: Project Director. A Stormwater Master Plan was completed for the entire city that included hydrologic/hydraulic models using InfoSWMM software to evaluate and predict stormwater runoff flow and flood levels. The data was used to determine the adequacy of the existing system and to identify needed improvements. A scoring matrix was prepared for prioritizing each needed improvement based on safety, environment, maintenance and land use. The model was established such that it is ready to accept pollutant loading parameters to perform water quality analysis.



Lowry Denty, PE, SI
Structural / Building
Facilities Lead

Total years of experience
27

Years with Mott MacDonald
24

Education

BS, Civil Engineering,
Georgia Institute of
Technology, 1993

BS, University of Georgia
(Dual Degree Program), 1993

Professional Engineer

FL, # 52611, 1998
AL, #24892, 2002
CO, #44131, 2010
GA, #032343, 2007
LA, #38440, 2013
MD, #39546, 2010
MS, #16854, 2005
NC, #029590, 2012
TX, #109524, 2011

Special Inspector

FL, #2020, 2001

Training and memberships

- Construction Quality Management for Contractors #784, 2014
- American Concrete Institute
- American Institute of Steel Construction
- American Society of Civil Engineers
- Society of American Military Engineers
- National Council of Examiners for Engineering and Surveying

Mr. Denty is a senior structural engineer, project manager, and special inspector involved in all aspects of project design, construction administration, and threshold inspections. His broad base of structural engineering experience includes marine/port structures, surge/seawalls, pedestrian and vehicular bridges and boardwalks, parking structures, buildings and facilities.

Selected Projects

Perdido River Boat Ramp Facility, FDEP, Escambia County, FL: Structural Project Engineer for a new 4.15-acre public facility funded by RESTORE. Involved the design and permitting of a 30-foot-wide two-lane boat ramp, ADA compliant ramp single access piers, trailer/tow and vehicle parking spaces, kayak/canoe launch, picnic/pavilion area, and boardwalks.

Quietwater Beach Ferry Landing, Escambia County, Pensacola Beach, FL: Structural Project Engineer for ADA upgrades and widening of an existing timber pier along with the addition of a fixed ferry dock for loading/unloading, staging area on existing dock, ticketing booth, lighting, and shaded passenger queuing area located over the existing amphitheater to support a new ferry system.

Bayou Marcus Wetlands Reclamation Project, ECUA, Pensacola, FL: Structural Project Engineer for a 7000 lb heavy timber pedestrian boardwalk supported on pre-cast concrete piles designed to support piping for effluent disposal system through wetlands.

Pensacola Bay Fishing Pier, Escambia County, FL: Project Manager, Design Build of a new 24ft wide by 2,576 ft. long drive-on fishing pier to replace the one that was severely damaged by Hurricane Ivan. The replacement pier and approach are designed for a pedestrian / H-10 light traffic loading. The structure consists of precast concrete piles, caps and double-tee deck. Project manager for the engineering team responsible for the structural, civil, geotechnical and hydraulic design as well as FDEP and Corps of Engineer permitting.

Pensacola Community Maritime Park Bulkhead, Pensacola, FL: Engineer of Record, Permit documents for approximately 2,100 linear feet of new bulkhead on the east, west, and portion of south banks. The new bulkhead ties into the existing south bulkhead. The structure consists of steel sheet piles, concrete cap, and tie-rod anchoring system. The bulkhead also acts as a containment wall for the existing contaminated water to stay encapsulated on site by using welded joints and compression seals.

Flagler Beach Pier Emergency Response and Repairs, City of Flagler Beach, FL: Structural EOR and Project Manager for post-hurricane damage assessment, FEMA reports, temporary emergency repairs, and permanent repairs to the city's historic timber fishing pier including an iconic timber A-frame building and beach dune walkovers. Analysis and design of emergency work was completed within a tight window to allow limited use during the summer tourist season.

SR A1A Seawall, FDOT, Flagler Beach, FL: Structural Project Engineer for 4920-feet of secant pile seawall with GFRP reinforcing to harden and protection a portion of A1A that was washed out during Hurricane Matthew. An alternatives report was first developed that considered anchored steel sheet pile walls, traditional steel reinforced secant walls, and double cantilever steel sheet pile walls. A quantitative decision matrix was developed that considered direct cost, user impact, constructibility, and maintainability.

PACE Center for Girls, Pensacola, FL: Structural Engineer of Record and Project Manager for this 14,000sf single-story building to accommodate education purposes of the Center's program with classrooms, administrative offices, meeting rooms, and dining facilities. The structure consists of insulated concrete form (ICF) walls with pre-engineered metal roof trusses and metal deck all supported on shallow foundations.



Steven White, PE
Stormwater & Drainage

Total years of experience
24

Years with Mott MacDonald
14

Education

BS, Civil Engineering,
University of Central Florida,
1996

Professional Engineer
FL, #58809, 2002

Training and memberships

- Inter Connected Pond Routing (ICPR)
- Society of American Military Engineers
- Florida Engineering Society
- National Society of Professional Engineers

Mr. White is a senior civil/site engineer with experience working on a variety of projects throughout Northwest Florida including wetland restorations, water quality improvements, drainage design, site development, roadway drainage design for capacity projects, regulatory permitting, contract administration, and project review. Mr. White has working knowledge of MicroStation, AutoCAD, ICPR, POND5, V3.2, HydroCad v.10.0, PondPack v8i, and ASAD.

Selected projects

Eleven Mile Creek Restoration, Escambia County, FL: Civil Project Engineer for a multi-phase project that involved development of the basin drainage master plan, analysis and development of a HMGP grant application and land acquisition plan, and the ultimate execution to reduce flooding in the Bristol Park-Ashbury Hills floodplain. The project involves the purchase and removal of residences subject to repetitive loss as a result of flooding and to reduce peak flood stages within a section of Eleven Mile Creek through the expansion and creation of additional floodplain. Also currently overseeing a RESTORE-funded stormwater facility project as part of the overall basin master plan.

City of Pensacola Stormwater Masterplan, Escambia County, FL: Project manager for the City of Pensacola's Stormwater Master Plan, which was last updated in 1987. This project involved gathering existing data, topographic survey of drainage structures and subsurface systems, topographic survey of basin areas, and hydrologic and hydraulic modeling.

Gulf Breeze Drainage Improvements, City of Gulf Breeze, FL: Project Manager and EOR for various drainage improvements, including the construction of approximately 6,050 LF of stormwater collection/transmission facilities, transmission facilities, one new stormwater lift station and the interconnection of two existing stormwater lift stations with control upgrades, approximately 1,646 LF of 12-inch stormwater force main, and two new stormwater ponds. The project areas lie within two established residential neighborhoods with a significant amount of underground utilities.

Perdido Bay Boat Ramp, Escambia County, FL: Civil Project Engineer for the site design and permitting of a new two-lane public boat launching facility with associated asphalt parking and access roads, picnic pavilions, and portable restroom enclosures on Heron Bayou at Perdido Bay. Permitting efforts included State of Florida ERP, USACE dredge and fill, and development review and approval with Escambia County.

Jones Swamp Floodplain Restoration, Escambia County, FL: Quality Control Engineer for the restoration of 10+ acres of historic wetlands within the Jones Creek floodplain, which was cleared and filled by the U.S. Navy in the 1950's to provide a clearway beyond the southern end of the airfield runway as a safety feature. Responsible for civil engineering design, permitting, and limited construction administration services.

Santa Rosa Correctional Institution Work Camp and Drainage Improvements, FDOC, Santa Rosa County, FL: Civil Project Engineer for the site design of a 12-acre work camp facility expansion. Modification of an existing permitted stormwater treatment facility for the existing 188-acre facility was also required to comply with current State and County regulations. Offsite improvements included the remediation of severe gully erosions which resulted from previous discharges from the correctional facility stormwater management facility.

Bayou Texar Emergency Dredging, City of Pensacola, FL: Project manager for the design and emergency permitting to remove submerged coarse-grained deposits within navigable waters related to the historical rain events of April 2014 from multiple stormwater outfalls in Bayou Texar. Project secured State of Florida ERP permit and USACE dredge and fill permit authority pursuant to the State of Florida Emergency Final Order and USACE final order concerning streamline permit issuance following the historic April 2014 storm event.



Kevin Morgan, PE
Civil Site Design

Total years of experience
22

Years with Mott MacDonald
10

Education
BS, Civil Engineering,
University of South Alabama,
1998

Professional Engineer
FL, #71350, 2010
AL, #30426, 2009

Mr. Morgan is a Senior Project Manager and Transportation Engineer in Northwest Florida. His experience includes providing drainage, general civil, and transportation design and management services on a variety of engineering projects ranging from dredge and fill permitting activities to roadway drainage design. Mr. Morgan has also successfully completed numerous pond siting reports for a wide range of projects in the Florida Panhandle.

Selected projects

Camp Branch Tributary Drainage Hazard Mitigation, City of Bonifay, Bonifay, FL: Senior Project Manager. This FEMA funded project will alleviate flooding of an evacuation route through Bonifay's downtown, as well as flooding at the wastewater treatment plant based on 25-year events. Aspects of the project include drainage basin modeling and analysis, and engineering design related to stormwater conveyance facilities such as bridges, major culverts, piping, stabilized ditch reconstruction, and highway infrastructure. Our team worked closely with FEMA to submit an application for the Hazard Mitigation Grant Program.

South Health Department, Santa Rosa County, Santa Rosa, FL: Senior Project Manager. The project consisted of creating a drainage system flowing north from the Health Department to convey excess runoff and relieve flooding. The proposed drainage system was designed to outfall into a freshwater forested/shrub wetland which discharges into East Bay.

Ramblewood Drive Drainage Project, Santa Rosa County, Gulf Breeze, FL: Project Engineer for drainage improvements along Ramblewood Drive. Ramblewood Drive due to localized flooding which caused damage to several homes, limited residential access, and prevented emergency evacuation. Services included drainage design and analysis, and coordination of stormwater and wetland permitting.

Fidelis Park Upgrades, Santa Rosa County, Jay, FL: Senior Project Manager responsible for civil engineering design, environmental assessment, permitting, and construction inspection assistance for improvements to Fidelis Park. The project consisted of planning level evaluation of future improvements, development of ADA accessible sidewalks, park amenities.

Main Street Improvements, City of Pensacola, Pensacola, FL: Engineer of Record. Engineered for traffic calming and pedestrian safety, coupled with a lush landscaping design, this project transformed an industrial four-lane artery into an aesthetic, pedestrian-friendly multi-modal corridor that connects the historic downtown shopping and restaurant district with City Hall and the new Community Maritime Park. It features wide corner plazas with ornamental plantings, wall seating, and crosswalks and lights at each plaza.

Cross-Town Connector Design Services, City of Destin, FL: Senior Project Engineer for a new roadway to complete the Destin Cross-Town Connector, from Beach Drive to Benning Drive. This also required the development of new roundabout intersections at Benning Drive and Beach Drive. Tasks required included PD&E study, land and utility surveys, engineering design, landscape architecture, funding research and grant-writing assistance, public meeting support, right-of-way acquisition assistance, preparation of construction plans and specifications, bidding assistance, and construction phase services.



**Josh Carter, PE (FL),
D.C.E**
Coastal Processes

Total years of experience
19

Years with Mott MacDonald
18

Education

BS, Ocean Engineering,
Texas A&M University, 1999

MS, Civil and Environmental
Engineering, Massachusetts
Institute of Technology,
2002

Professional Engineer

FL, #80996, 2016
AL, #34115-E, 2013
TX, #97258, 2006
LA, #33391, 2007
MS, #18618, 2008
VA, #57398, 2017

Training and memberships

- American Society of Civil Engineers (ASCE)
- Coasts, Oceans, Ports, & Rivers Institute of ASCE
- Academy of Coastal, Ocean, Ports, and Navigation Engineers (ACOPNE)

Mr. Carter is a Principal Coastal Engineer with 18 years of experience designing coastal protection and ecosystem enhancement projects. These projects have incorporated living shoreline concepts and structures such as breakwaters, groins, and revetments. His projects have also nourished beach habitat and created marsh and wetlands for endangered species. An expert in his field, he models and analyzes wave transformation, coastal circulation, storm surge, sediment transport, coastal morphology, and estuarine dynamics to support the sustainable design of waterfront, port, and coastal projects.

Selected projects

Grand Isle Emergency Stabilization, Coastal Protection and Restoration Authority of Louisiana (CPRA), Grand Isle, LA: Project Director for a 2,800-foot stone revetment that was designed as an emergency solution to stabilize an erosional hotspot that formed on the western end of the island where chronic erosion has continued to threaten the USACE levee/dune system, adjacent infrastructure, and recreational beach. Responsible for the coastal processes analysis, morphology analysis, wave modeling, circulation modeling, sediment budge development, and revetment design.

Follet's Island Nearshore Restoration, Texas General Land Office, Brazoria County, TX: Project Director for a project to stabilize the Follet's Island shoreline by dredging material from the San Luis Pass flood shoal and depositing the material in a near shore feeder berm. Provided QA/QC reviews for preliminary and final design.

Follet's Island Habitat Restoration, Texas General Land Office, Brazoria County, TX: Project Director for project which restored approximately 2.6-miles of dunes and vegetation that were destroyed during Hurricane Ike while minimizing impacts to the US Army Corps of Engineers jurisdictional areas and private property. Provided QA/QC reviews alternatives analysis, preliminary design and final design.

Hurricane Sandy Waterfront Repairs, NAVFAC, Naval Station, Guantanamo Bay, Cuba: Coastal Engineer for repairs to the public marina, public beaches, and restoration of the recreational dive park. Work included floating fuel pier replacement, repair/replacement of boat ramp, repairs to damaged walls and roofs, demolition and construction of new cabanas. Dive area work included a two-way ramp access with breakwater and a new elevated paved training area. Responsible for determining and analyzing wave run up and erosion protection for 50-year storm event.

Mandeville Wetlands Protection Project, Mandeville, LA: Project Manager for a protection project needed to reduce erosion to the cypress wetland, maintain the hydraulic connection with stormwater outfalls that feed into the wetlands and into Lake Pontchartrain, and serve as a walkway between two adjacent parks. Responsible for data collection efforts and analysis of existing conditions including wind and wave climate, tide elevations, and sediment transport patterns. He also directed an alternatives analysis for three alternatives: a rock revetment, a living shoreline, and a hybrid structure which combined the advantages of the revetment and living shoreline concepts.

Adolph Thomae Park Boat Launch Improvement, Cameron County, TX: Coastal Engineer responsible for determining site conditions at the potential boat launch ramp including expected water elevation, wind and vessel-generated waves, and hydrodynamic conditions. These parameters were used to optimize the design, layout, and configuration of the boat ramp.

Clifton Pier Reconstruction, Nassau Bahamas: Coastal Modeler for a project that included hurricane loading and mooring and downtime analysis for refurbishment of a marine oil terminal at an exposed Caribbean Ocean site. Responsible for the analysis of modeling to support the design of berthing structures at the pier. Computed statistics of hurricane conditions expected at the project site such as wind speeds, water levels, and wave conditions. Hurricane conditions offshore of the project site were transformed to the project site through circulation and wave modeling. Results of the modeling were used to compute forces on the structural elements.



Casey Connor, PE
Coastal Resiliency & Protection

Total years of experience
16

Years with Mott MacDonald
11

Education
BS, Ocean Engineering,
Florida Institute of
Technology, 2005

Professional Engineer
FL, #70656, 2010
TX, #106735, 2010

Training and memberships

- Academy of Coastal Engineers (ACE)

Mr. Connor has worked on various coastal and marina engineering projects in the roles of project director, project manager, project engineer, and field engineer. He is currently based in our Jacksonville office. His coastal engineering experience includes data collection, analysis, design, specification development, permitting, cost estimation, and construction administration for beach nourishment and shore protection and restoration projects along the Gulf of Mexico. Additionally, he is skilled in conducting field work and data collection to support environmental impact assessments, damage assessments, disaster recovery efforts, and engineering evaluations.

Selected projects

La Quinta Terminal Aquatic Habitat Mitigation, Port of Corpus Christi, TX: Coastal Engineer for a habitat restoration project that used dredge material to create habitat benches for wetland vegetation, creating over 30-acres of marsh habitat within the shipping channel. Responsible for providing QA/QC support for preliminary and final design including construction level plans, technical specifications, and cost estimate.

Living Shoreline Demonstration, Coastal Protection and Restoration Authority of Louisiana (CPRA), St. Bernard and Jefferson Parishes, LA: Lead Coastal Engineer for a demonstration that evaluated various living shoreline products to reduce wave energy that reached the shore and stimulate oyster growth to increase the biodiversity in the immediate area. Responsible for conducting engineering and alternatives analysis, permit development, and preliminary and final design.

Biloxi Marsh Living Shoreline Project, CPRA, St. Bernard Parish, LA: Coastal Engineer and Project Manager for installation of 11-miles of living shoreline protection to reduce shoreline erosion and enhance ecological habitat. Oversaw data collection, preliminary engineering and alternatives analysis, permit development, preliminary and final design, bidding support, and adaptive management and monitoring.

Pelican Island Shoreline Protection, Port of Corpus Christi Authority, TX: Lead Coastal Engineer for the design of 1310-feet of revetment and breakwater to protect vital habitat for various colonial waterbirds in Corpus Christi Bay. Responsible for construction oversight.

Carancahua Boat Ramp Improvement and Access Channel Dredging, Jackson County, TX: Coastal Engineer and Project Manager for a project that resurfaced a public boat ramp, dredged the approach channel, enhanced a breakwater and revetment, and used dredged material to create wetlands adjacent to the jetties. Responsible for analyzing historical data, conducting engineering and alternatives analysis, permit acquisition, preliminary and final design, and managing construction oversight.

Mandeville Wetlands Restoration, CPRA, Mandeville, LA: Coastal Engineer for a restoration project involving design of a structure to prevent existing cypress wetland erosion, continue hydraulic connection with outfalls, and function as a walkway for pedestrian access. Responsible for analyzing historical data, conducting engineering and alternatives analysis, and preliminary design.

Follet's Island Habitat Restoration, Texas General Land Office, Brazoria County, TX: Coastal Engineer and EOR for the reconstruction of 2.6-miles of dunes and vegetation that were destroyed during Hurricane Ike. Responsible for alternatives analysis, permit acquisition, preliminary and final design, and construction administration.

Beach Monitoring and Maintenance Plan, Texas General Land Office, State-wide, TX: Project Engineer responsible for analyzing historical data, establishing a project baseline, reviewing historical permits, and determining cost estimates to monitor shoreline erosion.



Andrew Gibbs, PE

Electrical

- Broad range of technical experience includes: medium and low voltage power distribution, grounding and lightning protection systems, industrial control systems and networks, an electrical inspection.
- Has served on the Electrical Engineering and ICA Steering Committee since joining Mott MacDonald in 2009
- Project Manager and Electrical Engineer for Foley Facility Arc Flash, UTC Aerospace Systems, Foley, AL



Neil Tucker, PE

Environmental/Civil

- 8 years of experience in biology, civil, and environmental engineering
- Has performed stormwater design, road design, and site design
- Skilled in AutoCAD and ArcGIS
- Environmental support during construction of MRO Hangar, Pensacola International Airport, Pensacola, FL



Bart Hendricks, PE

Bridges & Draining Structures

- Experience includes structural design, load rating, and inspection of transportation structures including concrete, steel and timber bridges and box culverts for vehicles and pedestrians
- Has performed emergency inspection and repair design services following major flood events
- Bridge Engineering Consultant for Continuing Bridge Engineering & Inspection Services, Escambia County, FL



Frank Tucker, PE

Construction Engineering & Inspection (CEI)

- Progressive experience providing CEI services on various roadway and bridge projects
- Experienced in interpreting plans and specifications, processing estimates and changes to the contract, and monitoring traffic control
- Senior Project Engineer for five-year District Wide RCS Contract, FDOT District 3, Various Counties, FL



Thomas McLendon, PE

Roadways

- Provides comprehensive quality assurance design reviews for our transportation team.
- Has extensive knowledge of the FDOT and FEMA requirements and has contributed in the completion of transportation drainage activities such as flood investigations, emergency drainage rehabilitations, location hydraulic reports, pond siting analysis and reports, bridge hydraulics reports, scour analysis, FEMA "No-Rise" certifications, stormwater management design, storm drain system analysis and design, stormwater culvert design, along with construction plan preparation and production.
- QA/QC Engineer for Baldwin Road Widening, Bay County, FL



Michael Gund, PE

Construction Administration & Inspection

- Experience includes drainage design and permitting, roadway geometrics design, and FDOT plans preparation
- Projects worked on include roadway widening, virgin alignment, turn lane addition, roadway resurfacing / restoration / rehabilitation, emergency repair, and drainage improvement projects.
- Project Engineer and Contract Support Specialist for CR 184 (Muscogee Road) and SR 95 (US 29) Roadway and Signalization Upgrades, Escambia County, FL



John Boland

Surveying

- Experience includes boundary surveys, title research, civil surveys, ALTA surveys, pipeline surveys, hydrographic surveys, right-of-way, easement, as-built, construction, and utility surveys.
- Skilled in AutoCAD Civil 3D, GPS, Trimble Business Center/Office, Conventional Total Station, ArcGIS, GPS Pathfinder, and HYPACK
- Survey Supervisor for City of Pensacola Lighting Project, Pensacola, FL



Gina Tullo-Williams, RLA (TPG)

Urban Planning

- Ability to deliver comprehensive and creative solutions for landscape architecture needs
- Experience includes master planning, site planning, landscape and irrigation design, and street scape design
- TPG provided consulting services for the Bay Point Roadway Improvements, Bay County, FL

Subconsultant

Tullo Planning Group (TPG) (WBE/SBE)

For more than 24 years, Gina Tullo-Williams has provided innovative thinking and a hands-on approach to the clients' needs in areas of planning and land use in all aspects of site development including feasibility/due diligence studies, permitting, and construction administration. Her expertise has allowed for success at all levels with a thinking 'outside the box' approach that results in meeting client goals. Pursuant to the vision and the planning process, Tullo Planning Group continues a lead role in developing the details during design and monitoring the project through construction. TPG aspires to create designs that understand present living ideas, utilize current construction techniques, and to develop fresh ideas.



Past performance with Tullo Planning Group (TPG)

While Mott MacDonald provides planning and landscape architecture services in the U.S., our local team does not. To fill that role for this project, we will utilize TPG, a firm that we have known to be reliable and of highest quality.

We have performed various past projects with TPG, with an ongoing project, Veterans Park on Okaloosa Island, receiving high praise from our client based on the quality and creativity of the ideas presented by TPG.



Subconsultant management

While Mott MacDonald has numerous staff filling a wide variety of engineering roles within our company, some projects require that we connect with other firms to complete the work.

Over our time working in the area, our office has built solid relationships with a number of other consultants in the area. Should there be a need to partner with one of these consultants to provide the full list of services needed for a project, we will use our strong network of subconsultants to select the best firm to complete the required task(s). We know that each project is specific, and a firm that may be right for one project may not be best for the next.

Mott MacDonald will assess each individual project assigned to us under this contract and select the best firms to support the needs of the County, when required. We will actively manage each subconsultant to provide a unified team for the County by providing timely and open communication between the team members and our staff.

Mott MacDonald is committed to working with people and organizations who share our vision and goals, in an open and constructive manner. We believe that working collaboratively benefits our clients, business partners, our supply chain, and ourselves. Our approach is certified to BS11000-1 Collaborative Business Relationships and is demonstrated by our collaborative business relationship policy.

Approach to project and understanding

Project approach

Every project has its individual needs. The initial focus of our design direction is to discover and to investigate the needs of the County. This can be done through different methods but will include spending time with Santa Rosa County's key staff and other members to develop a design program. Mott MacDonald is confident in having the ability and experience to work closely with the end user in order to discover information that is critical for developing the program. Mott MacDonald knows what questions to ask and how to listen. This process allows all the elements that are to be considered for the project to be discussed and determined. Communication and interaction will ultimately define each project's actual needs in terms of form, function, economy and time.

Mott MacDonald has highly skilled, experienced, and creative professionals who facilitate our client's design needs as they become revealed over the course of a project's development. We summarize our role as taking all the desired items and project criteria and developing a project that will meet the needs of the County. To standardize this process, our design philosophy is adaptable and applicable to all project types.

Mott MacDonald prides ourselves in making intelligent decisions as a team that works hand in hand with the Owner. Whether in the initial phases of design work, during construction, or emergency and disaster response, our engineering consulting team focuses on listening and presenting creative, thoughtful options for our clients to make an informed decision on.

One of the key components to how Mott MacDonald approaches a project is assembling the most qualified team based on the specific project type and the level of experience that might be required. Part of this team approach is to also identify key people that will provide quality control for the project. These individuals, along with the project designers, use established project control practices to review specific stages of the work.

Mott MacDonald has many continuing professional service contracts and is well equipped and staffed to efficiently manage projects assigned by Santa Rosa County.

Mott MacDonald completed drainage improvements and roadway resurfacing in the Tiger Point subdivision.



Our office readily provides these services:

Civil engineering

The complex array of federal, state and local regulations which impact development and redevelopment of property creates a need for highly specialized engineering services. Whether it be roadways, site developments, or recreational facilities, Mott MacDonald has the experience to recognize development constraints and opportunities which are often critical to a client's decision to proceed. Challenges posed by site terrain, infrastructure limitations, environmental constraints and regulations which impact development projects are addressed by our experts in a cost effective and well thought out manner. We have extensive experience in all types of municipal projects, many through our continuing services contracts.



Marine and upland structures

Mott MacDonald has over 30 years of Florida-based experience with a variety of waterside and landside structures including piers, pedestrian and vehicular bridges, dolphins, bulkheads, coffer cells, revetments, and approach structures. Our capabilities cover all structural requirements, including coastal and riverine process modeling and wave force analysis, mooring and berthing analysis, structural design, construction cost estimating, construction administration, inspection, and above-water and underwater inspection supervision. Our engineers routinely develop, verify, and apply numerical models, data processing software, statistical analysis programs, and data visualization techniques to generate design criteria and simulate wind, waves, currents, salinity, and sediment transport in inlets and coastal areas. In addition, Mott MacDonald has over 20 years of experience in coastal building design and construction. This experience ranges from buildings and structures seaward of the coastal construction control line (CCCL) to design of buildings for Category 5 wind speeds and storm surge.

Accessible water recreation

One of the most challenging features of public access marine structures is ensuring compliance with the accessibility requirements of the Americans with Disability Act. Mott MacDonald's extensive experience with accessible boat ramps, docks, and piers has provided us with an intimate understanding of these requirements and the options available to overcome these challenges. For instance, the use of gangways can overcome steep vertical descents to boarding/landing floats due to elevation differentials from the site grades to the water surface, which is often found along the Gulf Coast and inland waterways. In addition, we have working knowledge of States Organization for Boating Access (SOBA) Design Handbook for Recreational Boating and Fishing Facilities as well as Unified Facilities Criteria (UFC) Design: Small Craft Berthing Facilities. We will apply all of this knowledge, understanding, and lessons learned for a fully accessible and highly functional water recreation design at Navarre Beach Marine Park, Bal-Alex Boat Ramp, and any other applicable project sites that may arise during the lifetime of this contract.



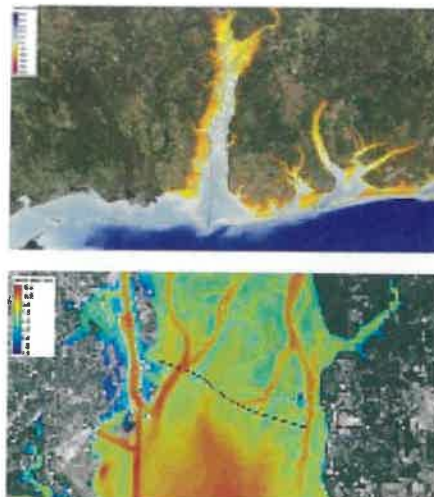
Coastal engineering

Mott MacDonald delivers innovative design services to solve the diverse challenges facing coastal communities. We have created lasting improvements to these communities by successfully implementing projects that protect waterfront infrastructure and improve marine facilities.

Through our experience engineering both new and existing overwater structures, we have established measures necessary to make good decisions, avoid delays, and deliver the best result. We offer in-depth 2-and 3-D modeling to enhance our approach to solve the problem. Utilizing these advanced modeling tools, our engineers simulate waves, currents, sediment transport, and morphology to determine the feasibility and performance of solutions.

Our marine engineering projects have encompassed a variety of marine structures, including piers, boat ramps, floating docks, bulkheads, revetments, and approach structures. Our capabilities cover all marine structural requirements including above-water and underwater inspection supervision, coastal process modeling and wave force analysis, mooring and berthing analysis, marine structural design, and construction cost estimating.

In addition, our engineers have established design-storm surface water elevations and wave heights for bridge clearance, determined the extent of scour around bridge supports due to storm events and long-term morphological changes to effectively design bridges and highways.



Model grid bathymetry (top), wave heights computed by SWAN mode (bottom).

Numerical modeling

Mott MacDonald performs in-house advanced analysis on a variety of coastal processes, such as tidal flow and sediment transport, storm surge propagation, wave transformation, wave interaction with structures, through numerical modeling. Mott MacDonald engineers are highly skilled in analyzing the effects of physical processes and routinely develop, verify, and apply data processing software, statistical analysis programs, numerical modeling tools, and data visualization techniques to effectively analyze and simulate storm surge, waves, currents, and sediment transport.



Water Utilities installation on Muscogee Road (above).

Utility design

Utilities can play a part in roadway and drainage projects and can lead to significant construction delays if not handled appropriately and proactively.

Mott MacDonald is highly experienced in water and wastewater transmission and treatment, including pressurized pipeline planning, design, permitting, and construction for utilities and municipalities in Florida and across the U.S. Our firm is a top trenchless design firm, attesting to our strong technical excellence in this area. We have designed hundreds of miles of pipelines including large diameter force mains through urban areas as well as through suburban and rural communities. In many instances, the proposed pipeline routes require installation across sensitive wetlands, highways, or rivers and streams, where conventional open cut techniques cannot be employed. In these cases, other trenchless technologies including HDD, tunneling techniques, and jack-and-bore operations must be evaluated.

For pipeline projects, preparation of detailed route analysis including cost and non-cost criteria (environmental, social) must be considered. We understand the balance required among capital costs, operational ease, and maintenance efficiency and will use this knowledge and past "lessons learned" to the benefit of the County.

Roadway design

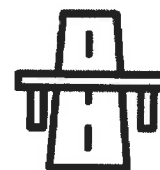
Roadways are critical to the lifestyle, safety, and economic viability of a region. They provide critical links for the movement of goods, services, and people. As the demand for roadway infrastructure increases, Mott MacDonald is ready to help our clients with comprehensive civil, structural, and transportation engineering skills.

Mott MacDonald is a leading highway designer in North America and worldwide, designing everyday roadways, signature streetscapes, intricate interchanges, and major expressways. Regardless of their size or status, all of our projects reflect our core philosophy to produce elegant designs that are sympathetic to the site, meet all functional requirements, are economical, and provide for an efficient use of materials.

As part of our turnkey solutions, we offer civil and related services; construction support; inspection, rehabilitation, and reconstruction; planning and design; project delivery; traffic engineering; and widening and safety improvements.

Areas of expertise include these:

- Conceptual, preliminary, and final design plans
- Condition inspection
- Program management
- Alternative delivery
- Safety improvements
- Construction administration
- Value engineering
- Risk management and mitigation
- Pavement management
- Road safety audits
- Network safety screening
- Permitting
- Environmental assessments and impact statements
- Landscaping



We are well versed in local, County, and FDOT roadway and bridge upgrade, reconstruction, and new project design

Transportation planning

Our approach begins with thoughtful planning. We listen to our clients, stakeholders, and the public and strive to understand exactly what they aim to achieve. We are committed to carrying out your vision through every design, feasibility study, corridor plan, environmental assessment, and technical report we produce.

Mott MacDonald has in-house transportation planning staff as well as professional engineering staff well versed in local, County and FDOT roadway and bridge upgrade, reconstruction and new project design. Whether it is a clay base roadway with inadequate ditch drainage requiring improvement, a multi-lane collector roadway, bridge replacement, or a downtown street requiring upgraded parking, lighting and streetscape amenities, Mott MacDonald has applicable Panhandle experience with municipalities and counties.

Our experience includes working on traffic safety projects such as these:

- Corridor & intersection operation safety studies
- Traffic calming
- Design for pedestrians & bicyclists
- Installation of safety barriers
- Road fixtures
- Regulation & compliance of safety standards



Crenshaw, Los Angeles transportation planning model.

Transportation structures

The structural condition and functionality of bridges, drainage structures, walls, and other vertical structures are a significant part of the transportation network for North America. Every project needs to be technically and aesthetically correct, durable, economical, and the most sustainable solution for a given location. Mott MacDonald provides services to meet each client's unique needs for the design and construction of new or rehabilitated structures.

For bridge design, these include those for highway, rail, land, and water crossings using materials including wood, concrete, steel, and composite and hybrid materials. Our expertise covers taxiways, runways, and vehicular, railroad, pedestrian, movable, temporary, suspension, cable-stayed, extrados, arch, truss, girder, box girder, and segmental bridges.

As infrastructure continues to mature, Mott MacDonald performs much-needed condition surveys, inspections, and structural analyses. Our contribution to general repair and renovation, seismic retrofit, management systems, and maintenance measures extends the life of these valuable facilities.

Our engineers have designed and managed the rehabilitation and reconstruction of all types of structures, particularly in a coastal city environment.



The \$4.2M 12th Avenue Bridge over Bayou Texar in Pensacola was successfully completed in 2017.

Municipal facilities design

Mott MacDonald develops buildings that are safe, striking, efficient, and able to stand the test of time. Our building consultants offer a breadth, depth, and caliber of technical expertise that ranks among the best in the industry.

The unrivaled combination of skills, resources, and experience offered by our engineers and architects across every facet of the building spectrum means we always meet project demands with knowledge, enthusiasm, commitment, and vision. We deliver consistently to all our clients, and our success is measured by their satisfaction.

Our architects and structural, electrical, and mechanical engineers incorporate energy-efficient features and structural solutions to facilitate construction and give future flexibility. We can provide innovative design for all types of government and community facilities with services ranging from energy audits and retrofits, to renovations, to new state-of-the-art facilities using the latest communications networks and emergency power systems.



Using BIM techniques, this street concept was developed and discussed with the client to accurately show the architect's visions.

Building information modeling (BIM)

BIM technology is rapidly expanding through the architectural and engineering consulting industry, transforming and improving the way consultants, contractors, and clients work together.

Recognizing the benefits of BIM, Mott MacDonald utilizes some of the most advanced technology, the Autodesk "REVIT" software platform, to deliver successful projects to our clients. Using this technology, our team is able to demonstrate their vision and ensure ease of constructability. Mott MacDonald has standardized its use of model-based design technology in the delivery of many of our architectural and engineering projects. The result is a consistent deliverable that combines efficiency, quality, and sustainability.

Storm water/drainage systems design and permitting

Improper storm water management has led to flood damage, degradation of water quality, and unnatural changes in groundwater hydrology, prompting extensive regulations to minimize these impacts.

Mott MacDonald is committed to achieving responsible and sustainable storm water management for Santa Rosa County. This involves working with the County, the public, and project stakeholders on issues and regulations while supporting them through the process of selecting solutions that are economically and environmentally feasible.

Regulatory requirements and project constraints are analyzed using the most advanced storm water analysis tools. We also have our practical experience from working in the area for decades to know which solutions cost effectively provide the best long term results.

We are familiar with funding programs like the Hazard Mitigation Grant Program through FEMA, and have worked with Santa Rosa County in the past to not only provide a successful design, but also assist in the additional work required to meet the goals of those programs.



Mott MacDonald is committed to achieving responsible and sustainable stormwater management.

Areas of expertise include these:

- Basin modeling
- Roadway drainage
- Stormwater management facilities (treatment and attenuation)
- Stream stabilization and restoration
- Flood mitigation
- Emergency repairs
- Stormwater and environmental permitting
- Regulatory compliance
- Master planning
- Landscape architecture

Find more funding

Within 20 years we estimate \$200 billion of investment each year will be needed globally to combat losses from climate impacts. There is a looming annual funding gap of \$130 billion. We have experience in identifying and mobilizing additional funding sources and managing investment through a range of private, public, national, and international funding systems.

Storm water studies/modeling

It is not possible to eliminate the risk from storms, floods, and tidal surges, but it is possible to analyze existing systems and plan improvements to help withstand extreme weather events. We have long worked in the local area creating strategies for our clients to identify and prioritize areas for storm water infrastructure resilience by modeling their systems against likely storm events.

Digital technology has a key part to play in building resilience, and Mott MacDonald staff are educated and familiar with a wide variety of useful software tools to help us understand the hydrology of an overall system. Within the area we have built up a solid track record for technical excellence in stormwater and network modeling that supports more effective flood prevention management.

Modeling includes managing the interactions between surface water and sewage systems, using sustainable urban drainage solutions to hold back rainwater runoff and allow it to soak into the ground, store it for use, or release it slowly to reduce flood risk.

We use our models to communicate meaningful visual information that illustrates the potential consequences of flooding and storm surges, making it easier to understand where the impacts would be the most destructive.

Mott MacDonald understands that identifying areas at high risk of flooding now, can allow time to make the necessary infrastructure upgrades for future development.



We are currently assisting the City of Pensacola with the expansion for Roger Scott Tennis Center, as shown in this rendering.



Recreational park facilities

As we invest in the park infrastructure of Northwest Florida, Mott MacDonald has been involved in numerous successful recreational amenity projects that enhance local communities for countless visitors, young and old, as well as provided significant environmental benefits by creating wildlife habitats, mitigating stormwater impacts, reducing soil sediment discharges, and mitigating urban effect.

Beach areas are subject to coastal processes, which can cause frequent inundation and drive land morphology. The sites are also subject to high rainfall, low infiltration rates, and high usage by the public. In addition, many areas in Florida are subject to a wide range of environmental regulations. These range from public beach to endangered species and USACE jurisdictions. Mott MacDonald routinely works in Florida's coastal setting and provide solutions that work with these challenges to produce successful projects for our clients. Our expertise in buildings and infrastructure, water resources, transportation, environmental engineering, waste management, landscape architecture, and supporting service areas (including geotechnical, structural, mechanical, electrical, and architectural engineering) benefits each of our unique recreational park and site development projects. Mott MacDonald can seamlessly integrate all of these offerings to engineer a new and/or improved site plan and amenities for any of the project's specific applications.



Environmental permitting

Meeting the requirements of today's comprehensive federal, state, and local environmental legislation and regulations requires a proactive approach to evaluating and resolving environmental challenges.



Mott MacDonald provides the wide range of scientific and environmental expertise needed to successfully address the variety of environmental issues in Northwest Florida. Whether onsite wetlands, endangered species habitat, or protected trees and vegetation, our staff has the technical expertise to perform the necessary surveys and studies to execute ecologically sensitive designs.



Negative impacts are increasingly costed into projects. But what of potential positive impacts? By looking for the opportunities early enough in project development, it's possible to go beyond mitigation to deliver benefits at little or no additional cost.

Mott MacDonald is committed to serving our clients by guiding projects through the regulatory process into construction and operations. We commit dedicated environmental and permitting experts to serve Santa Rosa County.



We provide these key services:

- Permitting
- Wetland and ecological surveys
- Wetland delineation and mapping
- Threatened and endangered species surveys
- Wetland replication and mitigation
- Habitat evaluations
- Stream assessment and restoration
- Stormwater management
- Environmental inspection and compliance monitoring
- Cultural resources coordination
- Flood plain enhancement and expansion
- Gopher tortoise surveys and relocation
- Brownfield redevelopment



Site planning and design

Mott MacDonald has in-house staff that work with its architects in making the best use of available land for public improvements, be it a downtown streetscape, or a new multi department municipal complex. Site designs include drainage, water, sewer, fire protection, sidewalks, parking, landscaping, lighting and amenities that complement the existing or proposed public facility. Site designers are well versed in all site improvement regulatory requirements, especially for site stormwater management and ADA access.

Urban planning and landscape design

Working holistically, we help shape developments that are fully integrated with the surrounding urban area, balancing the visual identity, cultural relevance, heritage, and long-term aspirations of the communities they serve.

Our experts are skilled in addressing the challenges of flexible, multidimensional urban environments using ingenuity and innovation combined with our full range of in-house professional and technical skills. Our experience covers all stages in the journey, from conception, planning, design, and construction supervision to operation and decommissioning.

Tullo Planning Group (TPG) will provide assistance in landscape architecture and urban planning services. Also, our team is well regarded for their ability to develop designs that respond to, as well as influence, their environments. We integrate natural systems with built features, achieving environmentally responsible solutions through green technology and sustainable practices. From conceptual design through construction documentation and observation, the team provides a wide range of professional design services including site, amenity, landscape, and urban design and community planning involving resort, hospitality, hotel, retail projects, and colleges and universities.

Utilizing the latest hardware and software technology

Mott MacDonald is committed to keeping current with the latest in technological advances to better meet the needs of current and future projects. We are one of the few firms in the region who regularly design in three dimensional space (3D) for all project disciplines including civil, architectural, electrical, mechanical, process mechanical and structural.



Plaza De Luna at Palafox Pier

We provided landscape architecture and master planning for the park that features approximately 1,800 lf of waterfront accessibility, including 600 lf at the breakwater. An additional 1,200 lf is available for fishing.

Surveying

Mott MacDonald provides a full range of surveying services using state-of-the-art equipment including a 3D LiDAR scanner, employed by experienced professionals.

Services provided include preliminary mapping, boundary determination, subdivision layouts; right-of-way and parcel acquisition plans, easement, land acquisition and title surveys; wetlands and environmental compliance surveys; hydrographic surveys; developments; construction layout, record drawing for subdivisions, land development and construction projects including projects requiring regulatory wage compliance and interfacing with construction management, architectural and design engineering firms. The proven ability of our survey staff results in accurate, efficient, and economic service to clients.



Mott MacDonald survey collecting data with static scanner at the Pensacola International Airport

We provide these key services:

- Pier design
- Recreational facilities
- Waterfront parks
- Marine structural engineering
- Coastal processes modeling
- Environmental services
- Bidding phase assistance
- Construction management
- Wave/structure interaction
- Storm surge modeling
- Cost estimating
- Preliminary and final design
- Public outreach
- Civil/site design
- Drainage
- Lighting/electrical
- Regulatory permitting compliance
- American with Disabilities Act Compliance



Electrical

We are industry leaders in the development, design, procurement, installation monitoring, integration, testing, commissioning and management of various electrical systems. We have extensive experience in the fields of power, I&C, and communications systems, from design through system start-up.

Electrical components are becoming more integrated into civil engineering projects as technology advances. Mott MacDonald has a team of electrical engineers in our Pensacola office that work on a variety of projects from roadway lighting to lift station design. Having a team of local experts that are familiar with our civil engineering projects allows for easy integration of electrical engineering for the projects that may require it.



CEI services were provided for a new flyover bridge at the intersection of SR 123 and SR 85 to relieve traffic congestion in Okaloosa County. The project won the Outstanding Project Award by FICE/FDOT.

Construction Engineering & Inspection

Construction management is among the most critical stages of a successful infrastructure project. No matter how well a project is designed, its execution will have a long-term impact on its quality, resilience, safety, and longevity.

Mott MacDonald's FDOT-certified Construction Engineering & Inspection (CEI) managers, inspectors, contract support and resident compliance specialists are experienced in all aspects of roadway and bridge construction.

Mott MacDonald acts as an owner's representative on your construction project to provide the appropriate level of project management, contract administration, on-site inspection, documentation and oversight, and materials testing.

Our team includes experienced professional engineers, project administrators, inspectors, contract support specialists, and resident compliance specialists. Our inspectors are FDOT-trained and certified for pavements, structures, pile driving, earthwork, traffic control, signalization, stormwater, hazmat/nuclear safety, and final estimates, to name a few.

Mott MacDonald has provided CEI and RCS services in the state of Florida for over 20 years. We are pre-qualified in nearly every FDOT Work Type, including 10.1: Roadway CEI and 10.1: Construction Materials Inspection.

We provide these key services:

- Project management
- Contract administration
- Inspection
- Materials testing
- Survey layout/verification
- Constructibility and bidability reviews
- Permit acquisition, reviews, modifications
- Environmental compliance
- Equal opportunity compliance
- Utility coordination
- Scheduling and review
- Estimating
- Progress payment processing
- Cost savings/value engineering
- Quality control testing
- Shop drawing review
- Claims analysis and resolution
- Community outreach and public information
- Maintenance of traffic review
- Change order processing

Work management and quality assurance

Management process

Santa Rosa County has identified six (6) projects for an example of the scope of work to be performed under the proposed Continuing Services Contracts:

- ADA Kayak Launch at the Navarre Beach Marine Park
- Mayo Park - Shoring of Creek Bank & Seawall
- Florida Town - Pier, Erosion & Stormwater
- Navarre Park - Seawall, Pier, Sidewalk, Walking Bridge & Electrical
- Ashmore/Garden View Drainage Study and Improvements
- Bal-Alex Boat Ramp - Erosion, Stormwater, & Boat Ramp

The Mott MacDonald team has completed many projects with similar scopes of work as the projects listed above for Santa Rosa County and other municipalities in Northwest Florida. We are also familiar with Santa Rosa County's project delivery requirements and have worked with County staff to successfully manage projects both for the County and for private developers within the County.

To meet your expectations for the Continuing Services Contract, Mott MacDonald has assembled a team, led by Heath Jenkins, with the skills and expertise needed to address the various types of projects identified. Each team member brings specific, direct and pertinent experience as well as an in-depth understanding of working with waterside environments for recreational facilities.

As each Task Order for the Contract arises, Heath will meet with County staff to understand the scope of the proposed task, and match the appropriate team members to that task. Heath will stay involved in every project to be sure that the team is meeting the expectations of the County by meeting regularly with the County project manager. Our goal is to provide the County an extension of staff in the employees of Mott MacDonald.

The Mott MacDonald Team's plan for conducting and providing the services requested by the County involves both managerial and technical competency and processes. These include:

- An efficient organization structure that is responsive and flexible to client requests
- An emphasis on stakeholder consultation and communication
- Experience in managing similar projects for Santa Rosa County and other local governments
- Effective assignment implementation plan
- Unequaled knowledge of the project requirements
- Ability to meet County deadlines
- Understanding of funding constraints and design objectives
- Superior technical expertise
- Comprehensive, timely reporting on all elements of an assignment
- Integral quality control / quality assurance plan
- Commitment to delivering value to Santa Rosa County

The elements identified above are addressed herein to demonstrate our understanding of this project assignment.

Staffing structure to meet schedules

The Mott MacDonald Team's organizational structure is designed to be flexible and is tailored to be responsive to Santa Rosa County's specific requirements for each assigned design task. Heath Jenkins will manage a team of expert technical leaders for all disciplines identified under this solicitation. These resources will be quickly mobilized and assigned to efficiently complete each task and maintain the project schedule. This Mott MacDonald team provides the following:

- A team of managers, engineers, surveyors, architects, and scientists who have knowledge of the County's standards and procedures, and who will apply this knowledge to the project.
- Responsiveness to keep the project on-schedule.
- A project organization that provides dedicated teams for the various tasks to allow for multiple deliverables to be performed simultaneously.
- A compact team that can provide 100% of all A/E/CA services.
- Thorough knowledge of the tasks expected within the project scope.
- A quality control / quality assurance plan that allows review of all deliverables of varying size and complexity.
- Cost estimating and scheduling capabilities that focuses on the unique construction environment at each site location and affords this focus on both a general and detailed level.

It is mandatory that projects be executed in a timely manner, within budget, and delivered seamlessly with no surprises. This will be accomplished with an active risk management program through design and construction and using our proven management and quality assurance techniques. A successful project requires a keen focus and excellent communications to assure smooth and efficient operations. The Mott MacDonald Team realizes effective collaboration with the County's Project Manager will be crucial. Hallmarks for each deliverable will be constructibility, safety, security and added-value while minimizing inconvenience to the local residents and traveling public. This Team will endeavor to exceed Santa Rosa County's expectations for sustainability by incorporating a high degree of sustainable design and construction practices.

Our approach to a project's undertakings is to provide ample client review opportunities, so that Santa Rosa County's project management team fully understands the project approach, relevant criteria and sees project progression many times during its development. This affords two-way dialog between the project and client leading to active comment and suggestion incorporation as the project develops. This collaborative effort strengthens initial concepts and leads to comprehensive and well thought out work products.

Effective communication for progress

A critical component of a successful project is to ensure that all participants work to the same plan. This project will include a specific Project Plan of Work (PPW) that is a key part of our project control and quality management system and includes sections on contacts, communication protocols, reporting, task assigned individuals, scope, budget, schedule, work breakdown structure, deliverables and specific project criteria. The PPW will be updated during the course of the assignment to incorporate any changes as necessary. The purpose of the PPW is to ensure that all project participants have a clear understanding of the assignment goals before any work begins and enables Mott MacDonald to best utilize the skills of its staff and identify if any additional resources are required.

Regular internal meetings, monitoring progress and corrective actions, will be held to maintain the schedule, and we will keep the County informed of the status of the assignment to enable you to maintain control of the decision-making process.

The Mott MacDonald project management team will be responsible for overall contract management, ensuring the team meets its commitments for the project. Mr. Jenkins will lead the effort and be supported by the various discipline experts to complete specific work required under the contract. Mr. Jenkins will assure that each task has appropriate levels of support and resources for successful completion of assignments. Mr. Jenkins will communicate regularly with the County's Project Manager to assure work is progressing in a manner that meets or exceeds expectations.

This team approach has worked effectively to manage Mott MacDonald's previous experience with similar projects and has taught us that the availability of qualified technical and support staff is essential to effectively serve clients. Having a diverse breadth of staff both locally and corporate-wide, affords flexibility to assign the appropriate technical staff. We have also learned the importance of a single point of contact Client Manager, and we believe that Heath Jenkins' management abilities and relationship with County Staff is a key to success of the overall Contract.

Managing a multi-firm team

Over the years, Mott MacDonald has developed an approach to subconsultant management that has proven successful. This approach is based on lessons learned from previous projects and incorporates the most successful aspects of each. We have long standing relationships with the many subconsultants in the area, and we will seek County feedback prior to adding a subconsultant to our team for a specific task.

Should we decide to include a subconsultant on any of the projects, subconsultant control will be accomplished on a weekly basis, as necessary, with periodical review meetings. The review schedule will depend on the specific area of involvement of the subconsultant. A key component is the development of mutual trust between all project participants and establishing open and honest communication at the outset.

Our project manager will develop a task proposal and work plan, based on input from the appropriate discipline specialists and team resources. In accordance with the proposal and schedule, he will also be responsible for the execution of each task assignment for the project.

Implementing proven budgeting and scheduling solutions

The key to on-time and on-budget performance lies in successfully combining the scope/deliverables, budget and schedule, into a Work Breakdown Structure (WBS). However, as we have experienced on previous projects, we must also continuously communicate with the County as the work is executed and collectively agree to adjust scope and schedule as necessary to deal with unanticipated conditions or events. We believe it far more important to deliver the right project rather than to meet a schedule for the wrong project. The WBS is critical to the successful execution of the project as it establishes what is to be done, who is to do it, how / who will check it, when it will be done, and the budget for the work. Mott MacDonald's Business Management System includes policies on project execution and a suite of project control tools Mr. Jenkins will employ to control, responding to each project task with qualified and experienced staff and produce quality work products delivered on time and within budget.

Each task schedule will be updated on a bi-weekly basis and submitted with monthly progress reports to the County. All stakeholders will be kept informed on a timely basis with respect to the current progress, critical activities, potential delays, mitigation strategies, and corrective actions.

Any change to scope will be immediately assessed by the Mott MacDonald team to consider impacts on current and completed work and to determine the most effective way to integrate the additional scope into the current schedule. If schedule problems develop, our Project Manager will coordinate with our team to assess the problem and develop a revised schedule that all team members can buy into and move forward with to meet the project goals.

Mott MacDonald will use appropriate scheduling software (MS Project) to prepare and monitor the approved assignment schedule and resources. Weekly updates will be tracked to indicate adherence to assignment targets and provide early warning of activities that are not in compliance with the schedule thereby enabling resource, budget, and scope decisions to be made.

Quality assurance

The Mott MacDonald QA/QC goes beyond checking deliverables prior to submittal. It is a daily work ethic instilled into all our managers, designers, and technicians.

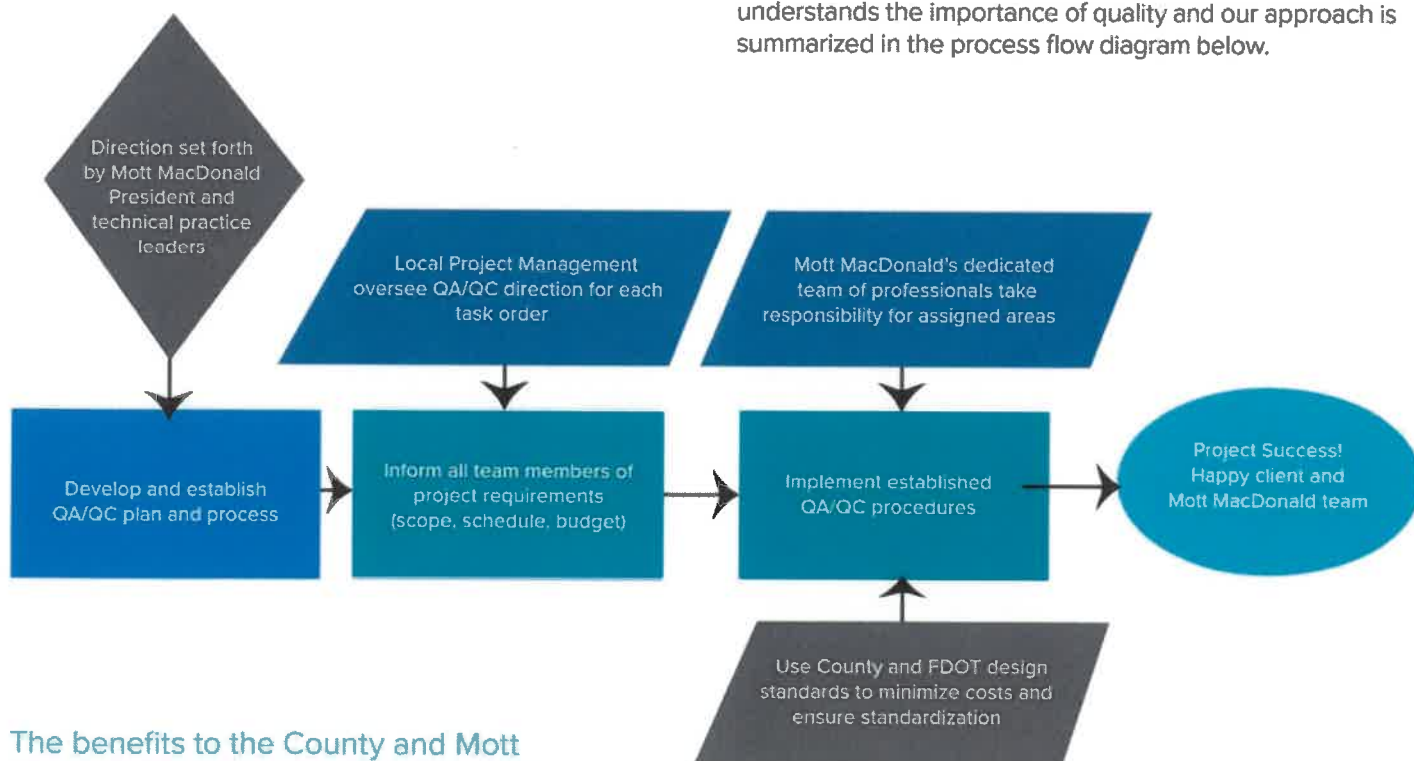
We understand that Santa Rosa County is making a major capital investment on each Task Order of this Contract. As with any major purchase, buyers want the most for their money. They want quality, durability, reliability, and all for a fair and reasonable price. Regardless of project size or scope, it will require close coordination between multi-disciplines, designers, and construction personnel under unique site characteristics. It will require a plan to control quality – a plan that not only addresses quality of the design but also establishes a process to promote quality of conformance and quality of performance.

Mott MacDonald's process to quality is based on a well-established process, called our Integrated Management System (IMS). As a part of our commitment to quality, Mott MacDonald submits our procedures to external assessments carried out by independent nationally accredited assessors. This assures an independent evaluation of our policies and

procedures and substantiates Mott MacDonald as an ISO 9001 accredited firm. The ISO 9001 accreditation is an independently verified certification that Mott MacDonald has established a formal Quality-Assurance program and verifies that we actually follow those procedures. We have invested in this certification as a commitment to our clients that quality will be upheld throughout our work product.

Mott MacDonald and the entire project team are committed to providing the County with the highest quality of services for this project. We take the approach that quality control begins even before the Notice to Proceed is issued. It begins once the project manager thoroughly understands the scope of services for the project, and then assigns and dedicates the very best personnel suited to the tasks that are required. David Skipper, PE and Heath Jenkins, PE will be ultimately responsible for establishing and maintaining the Quality Control/Quality Assurance Programs for this project.

Any quality procedure or system like our IMS is only useful when it is followed. For Mott MacDonald, to ensure quality and achieve success, every member of the project team must do their job. Our project management team clearly understands the importance of quality and our approach is summarized in the process flow diagram below.



The benefits to the County and Mott MacDonald by following these simple steps are endless: a process, if executed, will dramatically increase the chances for success. In the consulting engineering field, a company's greatest assets are its employees.

Federally funded projects and FEMA requirements

The FEMA grant and loan process

A local firm mentality is never more apparent than in the events of a catastrophe. The actions taken in the initial moments after an emergency are critical, and this should be backed by an experienced team with the necessary knowledge to address issues and resume operations immediately.

At the beginning of the grant management and compliance process, we work in coordination with our clients to compile and make sure damages are properly documented for eligibility determination and processing to receive maximum reimbursement within the guidelines and policies of FEMA. We work diligently to find all eligible costs of project damages and other eligible reimbursements of expenses, in order to bring the damaged facilities to pre-event condition and expedite the funding. As this scoping is taking place, we help clients set up the electronic data collection process and a filing system which meets FEMA guidelines to ensure all project information is formatted to reach the FEMA project requirements.

One of the most important aspects of facilitating the initial flow of funding is to create the funding application that must be signed off on by both the applicant and FEMA. This allows funding to start as soon as possible, and amendments can be added in order to receive more funding as the scope is further defined. We will work with and around the framework of the grant with FEMA personnel to create an atmosphere of teaming to help speed up the process, and to work through the issues in order to maximize funding.

In addition to managing the FEMA grant, **Mott MacDonald helps clients identify and access other possible funding sources by quantifying the full range of local economic and wider benefits, going beyond the standard approaches** of assessing damages, as this information is often needed to access additional funding sources. Our team's experience in financial and funding analysis enables us to assist our clients in strategic planning to leverage funds among the various funding sources, such as the FEMA Hazard Mitigation Grant as well as funding administered by other state and federal agencies and programs.

Based on our previous experience dealing with hazard mitigation on prior projects, we can help Santa Rosa County apply for this grant if needed. Our experience in applying for these grants and developing designs that can better withstand future storm events, makes us the logical choice for your project needs. Our intimate knowledge with FEMA's processes will allow our team to efficiently facilitate grant acquisitions to ensure overall compliance with all applicable regulations, and that eligible costs are reimbursed.

We understand that projects receiving funding from other agencies such as FEMA are subject to schedules and conditions which are critical to the project, and outside the control of Santa Rosa County. Successful project management is the key to performing on time and within the available funding budget.

Disaster recovery and response

Mott MacDonald has been called on to assist numerous government entities with post-storm recovery projects, from initial assessment of property damage and public safety of infrastructure (inspection, report and cost estimates for repairs), to managing temporary and permanent repairs for our clients (including emergency permits). Our selected team is well-versed in post-storm recovery projects due to hurricanes, and numerous clients have relied on the Mott MacDonald team for decades to evaluate damage, facilitate repairs, and create designs that can withstand future storms.



We also have experience with FEMA disaster recovery and support projects across the US, including but not limited to:

- ECUA Control Panel Resilience Upgrades
- Mantoloking Superstorm Sandy Coastal Flood Mitigation, Infrastructure Repairs & Resiliency Upgrades
- City of Lynn Haven Municipal Facilities Repairs
- Panama City Port Authority Hurricane Michael Damage Assessment
- Cities of Panama City & Springfield Hurricane Michael Municipal Facilities & Utilities
- Hurricane Michael Stormwater Assessment for Bay County
- Post-Storm Emergency Drainage & Recovery Projects in Escambia County

We've guided and supported our clients through numerous disasters over the years, including but not limited to:

Hurricane Sally (2020)

Our clients: Escambia County, City of Pensacola

Hurricane Michael (2018)

Our clients: City of Panama City, City of Springfield, City of Lynn Haven, Panama City Port Authority, Bay County

Hurricane Harvey (2017)

Our client: Texas GLO

Hurricane Matthew (2016)

Our clients: City of Flagler Beach, FDOT

April 2014 Storm

Our clients: Escambia County, City of Pensacola, Pensacola International Airport, FDOT

Superstorm Sandy (2012)

Our clients: NJT, NJDEP, NJDOT, National Park Service, NYCEDC, NYC Transit Authority, NAVFAC, various municipalities and utility authorities

Hurricane Ike (2008)

Our client: Texas GLO

Great Coastal Storm (2007)

Our clients: Port of Willapa Harbor, Port of Kingston, Port of San Francisco, San Francisco State University

Hurricane Katrina (2005)

Our clients: City of New Orleans, LaDOTD

Hurricane Ivan (2004)

Our clients: Escambia County, Santa Rosa County, ECUA, FDOT



Federally funded project examples

Location

Santa Rosa County, FL

Client

Santa Rosa County

Completed

2010

Grant Amount

\$1.3M

Project Type

Roadway design, stormwater design, modeling, utility relocation, surveying, permitting, bidding, construction administration

Similar team

Heath Jenkins



Ganges Trail and Madura Road

Santa Rosa County contracted with Mott MacDonald to minimize flooding along Ganges Trail and Madura Road in the Tiger Point subdivision. The project consisted of the analysis of four interconnected ponds and the associated drainage network in the area and was funded by the Hazard Mitigation Grant Program (HMGP) due to historical flooding of several homes in the area. Our team also oversaw the roadway resurfacing once the drainage improvements were made.

Mott MacDonald utilized the Advanced Interconnected Pond Routing (Ad-ICPR) software to perform pre- and post-conditions stormwater modeling analyses for hydrology and hydraulics of the study area of approximately 104 acres. The analyses simulated the 25- 50- and 100-year design storm events for existing and proposed hydraulic conditions. Model results were used to design stormwater features such as conveyance (swale and pipes) systems and required stormwater management facilities, as well as documentation for permitting.

Improvements included retrofitting of the existing ponds to allow for the addition of littoral shelves and wetland plantings, addition of outfall structures to control flooding, addition of new pipes and inlets along Ganges Trail and Madura Road, and the design of a stormwater pumping station to convey water to the modified pond facilities.

Our team was actively involved in coordination efforts with Santa Rosa County, the Tiger Point Golf Course, and permitting agencies. Permitting included a Stormwater General Permit and ACOE/FDEP Wetland Exemption.

Mott MacDonald completed the project under an aggressive schedule due to tight grant deadlines.

Eleven Mile Creek Drainage Basin Plan and Stormwater Management Plan

Escambia County encompasses 41 watershed drainage basins of which 15 have detailed drainage basin plans. One of these is the Eleven Mile Creek basin—an approximately 22,600-acre (35.4 square mile) drainage area that is undeveloped to moderately urbanized, with Eleven Mile Creek serving as the main drainage mechanism.

In the early 1990's Mott MacDonald developed the Eleven Mile Creek Stormwater Management Plan as a result of the recommendations in the overall Escambia County Stormwater Master Plan.

In each of these study efforts, problem areas with known flooding were identified through an extensive review process involving county staff interviews, citizen surveys, questionnaires, and field reconnaissance. To assess the study area, the model was updated to include all new developments, drainage improvements, and changing channel conditions. Secondary drainage systems within the study area were also added to the model.

Model results were used to evaluate the severity of known flooding problems within the study area as well as identify any new potential concerns. The water surface profiles were examined to determine the sources of flooding. A thorough economic analysis was performed of feasible preliminary design alternatives to determine the most cost-effective design.

Each improvement was ranked based on its overall flood reduction, implementation feasibility, and economic impact.

As a result of these studies, Mott MacDonald has also designed several drainage improvement projects and is currently in design of several more within the basin, for the county. All drainage improvements projects within the basin focus on water quality improvement and storage/attenuation of stormwater flows prior to discharge into Eleven Mile Creek.

In 2008, Mott MacDonald completed the design of an impoundment within the upper reaches of a historic borrow operation to create a regional stormwater pond serving approximately 76 acres of residential/rural residential properties. To address localized flooding in an area immediately north of the Blue Pit, further updates of the Eleven Mile Creek Stormwater Master Plan model and evaluation of the expansion of the Blue Pit facility were conducted in 2013 to accommodate runoff from an additional 26 acres of residential property.

In April of 2014, Escambia County experienced severe flooding from over 22 inches of rainfall in 24 hours, resulting in significant damage to properties, roadways, and associated stormwater systems throughout the county. In particular, the Bristol Park and Ashbury Hills subdivisions experienced severe structural flooding and damage as a result of the adjacent Bristol Creek's rising stream elevations.



ArcGIS files and other documentation were compiled to include boundaries for pre-mitigation flood events and the anticipated post-mitigation extend of flooding, attributes of critical facilities and infrastructure, and flood depths and corresponding evidence from prior flood impacts. A final scope of work and cost estimates were provided to accompany the submittal.

The Bristol Park-Bristol Creek-Ashbury Hills Floodplain HMGP application was awarded nearly \$6.2 million in funding. The proposed project was also ranked #1 by the RESTORE advisory committee and is also slated to receive funding from Escambia County through the Local Option Sales Tax (LOST). With over \$40M in improvement projects identified within the Stormwater Master Plan, the county is well underway in implementing a strategic plan for reducing flooding and improving water quality within the Eleven Mile Creek stormwater basin.

Location
Escambia County, FL

Client
Escambia County

Status
Ongoing (2021)

Grant Amount
\$6.2 million

Project Type
Stormwater design

Similar team
Steve White
Neil Tucker

Location
Bonifay, FL

Client
City of Bonifay

Completed
Ongoing, Construction
complete Q1 2121

Grant Amount
\$5M

Project Type
Stormwater and flood plain
design, project planning and
management, surveying,
site planning, permitting,
inspection, funding assistance

Similar team
Heath Jenkins
Billy Perry
Steve White
Kevin Morgan
Michael Gund
Thomas McLendon



HMGP Camp Branch Tributary Drainage Improvements

The Camp Branch Tributary caused frequent flooding to surrounding areas. In an effort to mitigate damages to private properties and public infrastructure, and to ensure accessibility along a major transportation highway identified as a Hurricane Evacuation Route, the City obtained funding from FEMA's Hazard Mitigation Grant Program (HMGP) to model, plan, and design improvements to reduce concerns for flooding during 25-year events.

This two-phase project consisted of Phase I, Planning and Design and Phase II, Property Acquisition and Construction. Mott MacDonald performed drainage basin modeling and analysis, and engineering design related to stormwater conveyance facilities such as bridges, major culverts, piping, stabilized ditch reconstruction, and highway infrastructure. Associated services also included environmental assessment, permitting, surveying, property acquisition contract inspection and other services during construction. Among the many project challenges included upgrading the existing culvert under SR 79, which was a primary constraint point for the tributary. Mott MacDonald was able to engage the FDOT early in the project and express the importance of upgrading this structure. The FDOT agreed to the project and included the Mott MacDonald design in a resurfacing project for SR 79 ahead of final construction of the remaining improvements. The new culvert, shown in the image above, was installed by FDOT and allowed to count as local contribution to the FEMA grant funding.

Upon completion of construction, a by-product of this project is a more maintainable 7000 lf drainage conveyance system. The improvements were designed to protect against flood of roadways and commercial buildings along Camp Creek that conveys stormwater from Stewart Street through downtown to a low area behind the Bonifay Wastewater Treatment Plant. The focus and objective for this project is to ensure flood protection for the area to comply with State and Local permitting requirements.

Location

Flagler Beach, FL

Client

City of Flagler Beach

Completed

2018

Grant Amount

\$10M

Project Type

Damage assessment, cost estimates, regulatory agency compliance, design, bidding, construction administration

Similar Team

Lowry Denty



Because Mott MacDonald staff was able to prepare for the possible outcomes of the storm and plan ahead to assist the City of Flagler Beach, the city received immediate support and was able to facilitate the temporary, emergency repairs quickly. After these repairs were completed, the pier was reopened on June 24, 2017 for its limited public use, until further funding could be attained for permanent repairs or replacement.

Post-Hurricane Matthew Emergency Structural Assessment and Pier Repairs

Hurricane Matthew resulted in severe damage across Florida's Atlantic coast. Flagler Beach's historic fishing pier and beach facilities were no exception. The pier lost approximately 160-feet at the end along with structural damage along its entire 806-foot stretch. As the city's on-call consultant, Mott MacDonald, led by Lowry Denty, PE, SI; Chad Lyner, PE; and Bruce Neu, PE, was familiar with the city's needs and able to provide immediate response after the impact of Hurricane Matthew to assess damage to their facilities.

Task 1 involved the initial assessment of the damage sustained to, and the immediate public safety repairs of city infrastructure and properties. The assessments covered the pier; dune walkovers; city buildings, including City Hall; leased city property such as the restaurant and bait shop on the pier and city golf course clubhouse; and roadways including a portion of State Highway A1A. The assessments also included the city's water and wastewater plants, water supply wells, sewage pumping stations, and water storage tanks. This task included field review, inspections, reports, and initial cost estimates for immediate repairs. We also assisted with emergency permitting required for the repairs as well.

Task 2 involved the emergency temporary safety repair of the fishing pier. Because of the iconic nature of the pier and its use in support of the local economy it was important to the city to reopen the pier as soon as possible. However, damages sustained to the pier called for expensive repair, and FEMA only covered direct costs due to the storm. In order to limit the time that the pier was closed, the city decided on temporary public safety repairs of the remaining pier structure. This would allow the pier to be reopened for limited public use, while permanent repair or replacement options could be considered and FEMA and other funding sources identified.



Location

Navarre Beach, FL

Client

Santa Rosa County
Commission

Grant Amount

\$3.5M

Completed

2006

Project Type

Coastal resources,
architecture, surveying,
municipal engineering,
permitting

Navarre Beach Hurricane Ivan Restoration

Mott MacDonald provided professional services for the repair, replacement and renovation of Santa Rosa County facilities and infrastructure on Navarre Beach, FL which was destroyed in the aftermath of Hurricane Ivan. This included canals, bulkheads, dune walkovers, gazebos, pavilions, public buildings, park facilities, parking lots, County administrative buildings, and FEMA berms and FDEP dunes along the Gulf of Mexico coast.

Our role included the initial assessment of damages, land surveying, architectural/civil design, coordination with regulatory agencies, permitting, public bid coordination, and construction administration and management. We also provided engineering, surveying, and architectural services as required for County infrastructure restoration due to Hurricane Ivan.

Patton Dr., Jones Creek, Forest Creek Apartments Area Drainage Feasibility Study

The project started as a drainage feasibility study for the Forest Creek Apartments which are located adjacent to Jones Creek. Escambia County contracted Mott MacDonald in 2014 to analyze this area due to historical flooding issues. This project included reviewing GIS data, reviewing available stormwater management plans including the Warrington Basin Master Drainage Plan, reviewing FEMA Flood Insurance rate maps, performing limited site reviews and surveying critical drainage points within the area. It also included analyzing the existing drainage data and providing multiple recommendations and costs for improvements within the area.

The Forest Creek Apartments once again experienced significant flooding during the April 2014 historical flooding event. Subsequently, Escambia County decided to change the project objectives in order to pursue a FEMA HMGP Grant. In order to aid Escambia County with the grant application process, Mott MacDonald provided a project narrative and conceptual design layout which included a three-acre stormwater management facility and a substantial amount of floodplain restoration.



Location

Escambia County, FL

Client

Escambia County

Grant Amount

N/A

Completed

2014

Project Type

Data collection, drainage analysis, recommendations, cost estimates, conceptual floodplain restoration, stormwater management facility sizing, wetland delineation

Similar team

Steve White
Thomas McLendon

Location

Escambia County, FL

Client

Various

Completed

2014

Grant Amount

N/A

Project Type

Design, survey, inspection, cost estimates, permitting, bidding assistance, plans & specifications, construction observation, QA/QC

Similar team

Steve White
Thomas McLendon



April 2014 Flood Damage Emergency Drainage Projects

On April 30, 2014, a state of emergency was declared for Escambia County and the surrounding area due to an extreme weather event. Heavy rain, winds, and flooding caused severe damage to a number of locations in Escambia County and the surrounding area. Over 24" of rain in 26 hours and 400 lightning strikes per minute, or 24,000 lightning strikes per hour, left nearly 25,000 people without power in Escambia County. The weather event left three bridges disabled, houses and buildings were damaged or destroyed, sink holes, and roads completely washed away.

Mott MacDonald was selected to expedite design and plan preparations for repairs, under emergency repair contracts for five separate locations. Four of these projects were drainage channels, culverts, and ditches. They experienced record high-water elevations and flows during the storm. This resulted in damage to the concrete channels and, in some cases, slopes supporting adjacent houses and buildings situated along the drainage easements. Each location required extensive topographic survey and staking of the easements to outline the limits of damage and work areas. Some of the design included ditch repairs, slope stabilization, structural walls, and cost estimates for FEMA and FHWA reimbursement.

The fifth project consisted of the replacement of an existing 18" pipe underneath I-10. Due to the nature of the project, the work had to be done while maintaining operation of two of the existing three travel lanes. Mott MacDonald developed a three-phase plan to allow the work to take place while keeping the two lanes open. Jack-and-bore operations were not an option due to the site conditions and the elevations of the required pipe.

Mott MacDonald successfully provided high quality and quick design services to the damaged locations, resulting in the repair of each location. This included thorough bridge inspections.

Location

Pensacola, FL

Client

City of Pensacola and
Pensacola International
Airport

Completed

2014

Grant Amount

\$150K

Project Type

Emergency engineering
services, field assessment,
event data research, survey,
stormwater modeling, site
reconnaissance, bidding,
construction management

Similar team

Heath Jenkins



Emergency Flood Response at Pensacola Airport

On April 30, 2014, a state of emergency was declared for Escambia County and the surrounding area due to an extreme weather event. Heavy rain, winds, and flooding caused severe damage to a number of locations in Escambia County and the surrounding area. Over 24" of rain in 26 hours and 400 lightning strikes per minute, or 24,000 lightning strikes per hour, left nearly 25,000 people without power in Escambia County. The weather event left three bridges disabled, houses and buildings damaged or destroyed, sink holes, and roads completely washed away.

Immediately following this event Heath Jenkins met with PNS staff to evaluate erosion damage at numerous areas of the airport. Of significant concern was a large section of erosion that caused damage to the airport perimeter road and undermined a section of security fence. Within six months of the storm, Mott MacDonald had provided an assessment, construction plans, bid support, and construction administration for the successful repair of the damaged areas at the airport.

Mott MacDonald was also selected by the FDOT to expedite design and plan preparations for repairs, under emergency repair contracts for five separate locations. Four of these projects were drained channels, culverts, and/or ditches. They experienced record high-water elevations and flows during the storm. This resulted in damage to the concrete channels and, in some cases, slopes supporting adjacent houses and buildings situated along the drainage easements. Each location required extensive topographic survey and staking of the easements to outline the limits of damage and work areas. Some of the design included ditch repairs, slope stabilization, structural design of walls, and cost estimates for FEMA and FHWA reimbursement.

Mott MacDonald successfully provided high quality and quick design services to the damaged locations, resulting in prompt repair at each location.

**Location**

Santa Rosa County, FL

Client

FDOT

Grant Amount

N/A

Completed

2016

Project Type

Stormwater design, modeling, surveying, permitting

Similar Team

Michael Gund

Alex Reed Trail Outfall Emergency Repairs

On April 30, 2014, a state of emergency was declared for Santa Rosa and Escambia County after an extreme weather event, with heavy rain, winds, and flooding caused severe damage to a number of locations.

Mott MacDonald was selected by the FDOT to expedite design and plan preparations for repairs, under emergency contracts for five separate locations.

One location was Alex Reed Trail in Pace. The record high water elevations and flows resulted in damage to the concrete channel and slopes along the drainage easement. Mott MacDonald, led by Thomas McLendon, PE, designed emergency repair of a 1,000-foot section of the paved drainage ditch from US 90 down to the outfall. Design included ditch repair, slope stabilization, and costs estimates for reimbursement.

For each of the damage locations, extensive topographic survey and staking of the easements were performed to outline the limits of damage and work areas. Some of the design included ditch repairs, slope stabilization, structural design of walls, and cost estimates for FEMA and FHWA reimbursement.

Bonifay WWTF Upgrades

The City of Bonifay WWTF was last upgraded in the 1990s. The existing 1.4 mgd SBR plant did not have any preliminary treatment facilities and was in desperate need of repair and restoration. In 2007, Mott MacDonald inspected the facility and observed several deficiencies, if left unaddressed these could have resulted in sewage overflows and failure to meet permit limits. The influent pump station was not capable of handling influent peak flow. The existing process diffused air system needed replacement, the filtration system needed redundancy, and biosolids handling needed upgrades to meet Class B sludge requirements.

Mott MacDonald was selected to perform the design, permitting, funding assistance, bidding, and construction phase services including full-time inspection of the Bonifay WWTP upgrades.

Due to funding constraints, the project was divided into two phases. Phase II improvements included replacement of SBR process equipment (retractable air diffusers, mixers, decanters, etc.), PD blowers, chlorine contact chamber, reaeration basin, dechlorination, chemical building, parshall flume, two primary digesters, modification of secondary digester, new operations building, sludge transfer pump station, and replacement of outfall piping. In addition, a treatability study was conducted to assess performance of dewatering equipment. A performance-based dewatering specification was written for the project to allow for competitive bidding of equipment. Mott MacDonald also provided funding assistance to secure USDA grant, SRF, and FEMA grant funding. Our team was able to secure \$4 million of USDA funding of which approximately \$1.8 million was grant funding representing approximately 44% of the Phase I project cost. For Phase II, Mott MacDonald assisted the City in securing \$6.4 million in SRF funding with approximately \$5.8 million in grant and another \$0.6 million in FEMA grant covering the City's 15% match requirement on the SRF - effectively 100% grant.

**Location**

Bonifay, FL

Client

City of Bonifay

Grant Amount

\$10.4M

Completed

2019

Project Type

Civil engineering, process design, plan/specifications, permitting, construction services

Similar team

Billy Perry

Similar project experience

Similar project experience in and around Santa Rosa County

The Mott MacDonald team has all of the technical capabilities and resources to provide continuing services for infrastructure planning, modeling, engineering design, permitting, and construction. We have chosen to highlight some recent, local projects that demonstrate our team's technical expertise and highlight similarities to those anticipated under this contract.

Furthermore, below is a list of all previously contracted work between Mott MacDonald and Santa Rosa County, demonstrating our longstanding relationship and knowledge of the County's standards and preferences. Mott MacDonald looks forward to continuing to serve the County with engineering and related services.

Year	Project Name	Year	Project Name
2018	Professional Engineering Services CSA	2004-2008	Navarre Beach Hurricane Restoration
2018	Santa Rosa County Judicial Center Complex	2005-2006	Whiting Comm Park Entrance
2017-2018	Randy Brown Road Extension	2004-2005	Whiting Commerce Park
2015-2017	Peter Prince Runway Rehab	2002-2004	Public Works Building
2014-2015	Peter Prince East Apron Expansion	2002-2004	Veterans Memorial
2013-2014	Peter Prince T-Hangar Development	2002-2004	Patriot/Woodbine/PAF
2012-2016	Peter Prince Field On-Call	2002	Para Park Final Plans & Permitting
2010-2011	Orion Lake Inspection	2001-2002	Jake's Bayou Bridge Replacement
2007-2012	Ganges/Madura Stormwater		





Perdido Bay Boat Ramp

With a focus on maintaining the quality and accessibility of our coastline, Escambia County has budgeted for a number of coastal nourishment and waterfront recreation parks. One of these planned projects is to add a boat launch facility at the northern part of Perdido Bay, to enhance access to the public waterways within Perdido Bay and offshore areas.

The county hired Mott MacDonald to provide engineering design and consultancy services for the new site, which includes boat launch/recovery facilities, vehicular access and user amenities including a picnic area, parking lot, and access piers. The project was broken into Master Planning and Phased Design Services.

Mott MacDonald identified two options for the location of the boat ramp on the subject property. One location at the northerly tip of the property with direct launching into Perdido Bay and the other on the westerly edge of the property with the boat ramp access into Heron Bayou/Bridge Creek. Through surveying, geotechnical exploration, and coastal engineer analysis including wave modeling and sedimentation transport processes, Mott MacDonald and Escambia County determined the Heron Bayou access location to be the ideal option.

Design services included a two-lane boat ramp with access and termination piers, navigation channel, landscaped parking, stormwater management facility, picnic area, multi-use area improvements, and access road as well as obtaining all local, federal, and state permits required. The facility meets all the ADA and universal accessibility requirements. After submitting the final design plans and construction specifications, Mott MacDonald provided bidding assistance and construction administration for the new boat launch site.

The boat launch will provide a much-needed access point to northern Perdido Bay, near the mouth of Perdido River, and is one of many coastal improvement projects underway for the residents and tourists who enjoy the beautiful beach community of Pensacola, Florida.

Location

Pensacola, FL

Client

Escambia County

Construction cost

\$1.4M

Completed

2018

Expertise

Marine engineering, civil engineering, coastal engineering, master planning, survey, permitting, construction administration

Similar team

Billy Perry
Lowry Denty
Steve White

Quietwater Beach Ferry Landing

Mott MacDonald was selected to perform the master planning and design of Phase I of the Quietwater Beach Ferry Landing project that involved a fixed ferry dock, approximately 16'x80', which was built beyond the existing pier and T-dock. This is to accommodate ferry passenger loading and offloading safely, as well as to provide a dedicated tie-off for the ferry, distinct from the public T-dock area. Two more phases are planning for this new development, which include widening the pier 16 feet and adding a shaded passenger queuing area pavilion to seat up to 100 passengers awaiting the ferry.

This project now allows tourists and locals to more easily access Pensacola Beach and Fort Pickens during the high-traffic tourist season and offers a new landmark and recreational activity for the community to enjoy.



Location

Pensacola Beach, FL

Client

Escambia County

Construction cost

\$1.5M

Completed

2018

Expertise

Surveying, civil engineering, QA/QC, electrical, structural, permitting, architecture QA/QC, master planning, coastal, marine structures, berthing & mooring, project management, construction administration

Similar team

Lowry Denty
Bart Hendricks
Andrew Gibbs

Location
Pensacola, FL
Client
City of Pensacola
Construction cost
N/A
Completed
2019
Expertise
Stormwater study, hydrologic modeling, hydraulic modeling, survey, design, master planning, cost estimates
Similar team
Steve White Heath Jenkins Kevin Morgan Neil Tucker

Pensacola Stormwater Master Plan

As Pensacola continues to grow and extreme storms and rain seems to happen more often, the City of Pensacola needs to be prepared for the impacts from severe weather. Their current Stormwater Master Plan was last updated over 30 years ago, so the city found it time to re-evaluate its stormwater management needs, as well as prepare for the future.

In response, Mott MacDonald updated the Stormwater Master Plan, while providing the city a valuable drainage planning tool for over 22.54 square miles of land within the city limits. We realize that the Plan and model needed to serve as a living document that not only can be used by the city to rapidly perform one-dimensional hydrologic and hydraulic calculations to evaluate existing conditions and identify flood-prone areas, but which also provides the flexibility to perform more complex analyses such as overland flow and groundwater mounding/ modeling and that is a common platform for neighboring communities to share information as stormwater flows cross geopolitical boundaries.



Mott MacDonald, therefore, proposed to develop an ICPR4 model, which incorporates georeferencing of the nodal model superimposed over aerial photography to allow the city to easily identify existing infrastructure configurations, rapidly evaluate and identify flood-prone areas, and determine solutions by modeling alternatives.

The project faced challenges, including time and budget limitations, and little existing data on the condition of existing stormwater infrastructure. We knew that it would take an innovative solution to overcome the data gaps in a timely manner. Because the budget and project deadline did not allow for a full survey of the city, Mott MacDonald chose to use a GIS-integrated stormwater modeling software and perform targeted survey where necessary. This model was developed by: obtaining existing stormwater models, as-built plans, city GIS, and city stormwater atlas map; examining the existing plans, models, and google earth imagery; Identifying areas that were lacking information, such as missing structure elevations and dimensions, areas where the plans did not appear to match current conditions, and locations where plans or GIS appeared erroneous (e.g. very large pipes up stream of very small ones); and verifying the connectivity of pertinent structures as identified through the desktop analysis.

Once the details of the existing system were known, we began model development and the existing infrastructure was placed in the ICPR4 model. By using a digital elevation map to determine rim elevations, all unknown pipe inverts were globally specified in ArcMap using an algorithm that assumed three feet of cover plus the pipe diameter to determine the flow line.

Using this model, the city will be able to identify and prioritize stormwater improvement projects necessary to meet current adopted levels of service, develop capital improvement plans based upon available funding, and evaluate the impacts of proposed new developments on existing stormwater Infrastructure.



Carpenter's Creek Repair and Stabilization

Under a National Resources Conservation Services (NRCS) grant from the Emergency Watershed Protection (EWP) Program, Mott MacDonald was selected by the City of Pensacola to provide design, environmental permitting assistance and construction administration for the repair of approximately 400 linear feet of bank along Carpenter Creek that was significantly eroded during the storm event on April 29th, 2014. Mott MacDonald coordinated with the City, FDEP, USACE, and local residents for implementation of a design to restore and armor the bank while providing an aesthetically and environmentally conscious repair solution.

This project required planning for the limited access sites located along the creek bank adjacent to homes and private property. Special care was necessary during construction to limit impact to nearby residences and to the active stream in which the work was being performed. Coordination with the City, contractor, and NRCS was crucial in maintaining eligibility for EWP funds which are time sensitive.

Challenging aspects of this project included repairing banks of an actively flowing creek with considerable fluctuations in water level, while performing nearly all aspects of work in the back yards of private residences. The planning phase necessitated immense coordination with the City to provide public outreach both to educate those affected and to garner feedback from residences and interest groups. Tied concrete block mat was chosen as the primary creek bank stabilizing and armoring material due to its ease of installation on sloped surfaces and the maneuverability of the product when transporting it between houses to the project site. Mott MacDonald observed the repair of the banks and placement of the concrete block mat and provided weekly reports on project progress. Community outreach continued through the construction phase with Mott MacDonald providing limited administration services along with the City's full time inspection staff. Due to the nature of the project and the funding program involved, public acceptance and cooperation was key. The construction observation reports provided by Mott MacDonald gave the City concise documentation that could easily be used to inform City officials, NRCS representatives, and the general public on project progress.

Though repair and stabilization of creek banks to protect infrastructure and private property was the main goal of this project, the City desired an approach that provided a more aesthetic appearance of the final repair. The tied concrete block mat allows for planting of grass and native vegetation between concrete modules to further stabilize the creek bank and provide this natural appearance.

Location

Pensacola, FL

Client

City of Pensacola

Construction cost

\$343,000

Completed

2016

Expertise

Stormwater and floodplain design, project planning and management, surveying, site planning, permitting, impact studies, inspection

Similar team

Heath Jenkins

**Location**

Perdido Key, FL

ClientFlorida Department of
Environmental Protection**Construction cost**

N/A

Completed

2017

ExpertiseRoadway and bridge design,
stormwater and flood plain
design, surveying, site planning
and design, transportation
planning, permitting, bidding,
maintenance of traffic plan**12th Avenue Bridge Replacement over Bayou Texar**

The main purpose of this project is to replace the functionality obsolete bridge on 12th Avenue over Bayou Texar in Escambia County, Florida. There are several issues that will affect the alignment, height, and ultimate width of the new bridge replacement. These include: utility conflicts, utilization of existing right of way, typical section elements, structure type and bridge hydraulics. Since this project is located within the City of Pensacola right of way, and the City will own and maintain the bridge itself, the design features of the bridge and corresponding roadway will be set consistent with the Florida "Green Book" and AASHTO standards. In addition to the minimum lane and shoulder widths detailed in the Green Book, there are additional elements that the City of Pensacola would like on the bridge.

Other items relevant to this project include: establishing a design speed for the roadway, minor roadway re-alignment to accommodate the new bridge typical, stormwater design, wetland delineation and coordination, permitting, signing and pavement marking, utility coordination, joint participation agreements, survey and mapping, erosion control and public involvement.

The use of precast concrete construction was selected to allow for accelerated construction over the environmentally sensitive water and wetland areas.

Similar TeamMichael Gund
Thomas McLendon**Santa Rosa County Courthouse**

Mott MacDonald is currently supporting Santa Rosa County as your Program Manager for the County Courthouse Design-Build Project scheduled for completion this year. Our mission as Program Manager is to coordinate and collaborate with the County, stakeholders, and design-build team to maintain project controls; assist with contract administration; coordinate value engineering and problem solving opportunities; provide engineering, threshold inspection, commissioning, and resident field services; and ultimately avoid project losses or claims. The County selected Mott MacDonald to begin Program Management services starting in February 2019 during the initial design-builder contracting activities, followed quickly by the planning phase of the project. Mott MacDonald provided comprehensive program management support with cost and schedule controls and reporting, in addition to stakeholder coordination through numerous workshops, engineering and architectural review services, and value engineering support during planning and design phases. Now in construction, the Mott MacDonald team continues to provide comprehensive program administration support along with building threshold inspection, commissioning, and on-site resident field services support. We work as an extensive of your staff to ensure program scope, schedule, and cost targets are monitored and controlled for this \$42.8 million project.

Mott MacDonald has been assisting Santa Rosa County in its pursuit of the Courthouse in varying capacities since the late 1990's, with the initial evaluation of the existing courthouse and expansion in downtown Milton, to the evaluation of the final site located on Avalon Boulevard. Starting in early 2014, Mott MacDonald participated in the general evaluation of at least 12 separate locations for the proposed courthouse, and detailed evaluation and preliminary analysis were performed for six of those sites. Additionally, multiple conceptual layouts were prepared for six of the sites. We have been your reliable partner from early 1990s concept through the 2020-2021 construction phase of the final Courthouse design.

**Location**

Milton, FL

Client

Santa Rosa County

Construction cost

\$42.8M

ExpertiseProject management, program
management, design,
construction administration,
cost estimating**Completed**

Ongoing

Similar TeamHeath Jenkins
Lowry Denty
Amber Kirk



Location
Pensacola, FL
Client
Escambia County
Construction cost
N/A
Completed
2018
Expertise
Stormwater evaluation
Similar team
Steve White

Lake Charlene Drainage Study

In April 2014, a historic amount of rainfall struck Pensacola. In its aftermath, flooding damage caused stormwater drainage system to be evaluated in its existing state and prepare them for future events. Alternative conditions needed to be designed to model and update the original Warrington Basin Stormwater Master Plan to reflect current conditions.

Mott MacDonald provided stormwater modeling services to evaluate existing condition and design alternative condition during the various design storm events for the Lake Charlene area and associated stormwater infrastructure. We utilized Dual Pol radar data to model the April 2014 event to approximate depths and extents of flooding in the Lake Charlene Area. Also, our team developed, modeled, and evaluated various design alternatives to reduce and alleviate flooding within the Lake Charlene development and surrounding area. The model results were then evaluated to conclude if the design alternatives were effective from a flood reduction/elimination perspective.

Our solution included:

- Updating the existing Warrington Basin Stormwater Master Plan model to reflect current conditions
- Developing and evaluating various design alternatives for flood reduction/elimination
- Evaluating downstream impacts of each design alternative
- Evaluating effects of current/ future drainage projects within the area in conjunction with various design alternatives

By updating the Warrington Basin Stormwater Master Plan to reflect current condition, Mott MacDonald was able to develop various design options to reduce future flooding in events of substantial rainfall. With these changes, Lake Charlene and surrounding areas are fully protected in the event of another historical level of rainfall.



US 98 (SR 30) Pensacola Bay Bridge Replacement Project

Mott MacDonald is part of the CEI team overseeing construction of this \$398 million FDOT project to replace the Pensacola Bay Bridge, spanning between downtown Pensacola and Gulf Breeze, currently carrying four lanes of US 98 traffic 3.7 miles across Pensacola Bay. This bridge is heavily traveled since it connects two populated downtown communities and is also the direct route to Pensacola Beach, a major tourist destination. Furthermore, US 98 is a hurricane evacuation route so functionality is of the utmost importance. The current bridge is very old, extremely congested, and dangerous due to insufficient shoulder width to accommodate stopped vehicles and pedestrian travel.

The new bridge will be two separate structures, each with three 12-foot travel lanes, 10-foot inside and outside shoulders, and with a 10-foot partitioned multi-use path for pedestrians and bicyclists. Architectural elements will include a center arch that will add distinction to the bridge. The full project length is 4.17 miles.

There are a number of pedestrian features included in this project, including reconstruction of sidewalks and curb ramps at both the east and west bridge approaches, a partitioned pedestrian lane across the entire bridge length, as well as improvements to community parks on either end of the bridge, which include sidewalks, parking, boat launches, and picnic areas.

Location

Santa Rosa and Escambia Counties, FL

Owner

Florida Department of Transportation

Completed

Ongoing

Services provided

Construction engineering and inspection, civil engineering, document control, federal compliance



Location

Santa Rosa County, FL

Owner

Florida Department of Transportation

Completed

2016

Services provided

Construction engineering and inspection, civil engineering, document control, federal compliance



Awarded Florida's Best in Construction by FTBA

SR 30 (US 98) from Zoo Entrance to Okaloosa County

Our team provided CEI services for the resurfacing of SR 30 (US 98) from the Gulf Breeze Zoo Entrance to Okaloosa County Line, approximately 11.2 miles. The cities of Gulf Breeze, Navarre, and Midway in Santa Rosa County were affected. The project included milling and resurfacing of the roadway, widen existing shoulders, construction of key hole lanes for bicycle safety where needed within existing right turn lanes, and various drainage improvements.

**Location**

Cameron County, TX

Client

Cameron County

Construction cost

Est. \$2M

Completed

2017 (Phase 3 90% design)

Expertise

Shoreline stabilization

Similar team

Josh Carter

Adolph Thomae Jr. Park Shoreline Stabilization and Boat Ramp Improvement

At Adolph Thomae Park, traffic from tugboats and barges, as well as recreational fishing boats, has eroded the clay embankment on the shore of Arroyo Colorado. The three phased project consisted of stabilizing over 8,000 feet of shoreline. During the first two phases, our engineers designed just over 2,000 feet.

To continue this effort, our engineers have designed Phase 3 of the project which extends the bulkhead about 5,800 more feet includes the construction of a new boat ramp, pier, floating docks, parking lot and outdoor lighting.

We conducted coastal engineering analysis, including numerical modeling, to calculate existing hydrodynamics forces due to the current flow and vessel wakes. We then examined alternatives for shoreline protection such as a rock revetment, articulated concrete block mattress, and gravity block retaining wall. Our analysis investigated alternatives' cost, construction methods, compatibility with future uses, costs of construction and maintenance requirements, environmental impacts, and public access safety. The retaining wall was the best solution. Our final design of the included structure parameters such as material type, embedded depth, toe protection, filters, loading, structure stability, geotechnical stability, and flank protection.

Mott MacDonald's efforts to stabilize the eroding shoreline within the 58-acre park helps the county preserve the recreational hotspot, creates a safer and more inviting environment for park goers, campers, fishermen, and contributes to meeting the Laguna Atascosa National Wildlife Refuge's public use objectives.

New District Headquarters Facility

The District was seeking an architectural engineering firm to perform planning, design, and construction administration services for several facilities in Panama City, FL. There was a special emphasis on selecting a firm to create a collaborative team between themselves and the District, to perform on schedule and budget, and create a functional, aesthetically pleasing workspace. Mott MacDonald was the obvious choice.

Mott MacDonald was responsible for the complete design of the master plan including surveying, verifying existing site conditions, geotechnical investigations, permitting, coordination with other agencies, engineering plans, construction drawings, and technical specifications. The new District Headquarters is located in Beach Commerce Park.

The proposed tasks included the review of existing conceptual plan documents, the development of current/future needs of District, preparation of the Master Plan, design of the District's heliport, 5000 sf hanger, a 11,500 sf facility for labs and storage, an administration facility and office space, 7,000 sf of floor space, auxiliary buildings, a chicken coop, a pole barn, and a chemical shed.

**Location**

Panama City Beach, FL

Client

Beach Mosquito Control District

Construction cost

\$4.76M

Completed

2019

Expertise

Master planning, surveying, design, construction management, interior design, structural, MEP

Similar team

Billy Perry



Location

Panama City, FL

Client

Bay County

Construction cost

\$4.5M

Completed

2016

Expertise

Roadway design, stormwater design, surveying, site planning, transportation planning, permitting, bidding, construction administration

Similar team

Heath Jenkins
Thomas McLendon
Michael Gund

Baldwin Road Widening and Stormwater Improvements

A 1.5-mile stretch of Baldwin Road in Panama City was in need of resurfacing, widening, and drainage improvements. The existing two-lane rural typical section was widened to a five-lanes with bike lanes and sidewalk to better serve the public. Mott MacDonald was the lead design firm in this design-build project.

An individual ERP permit through NFWFMD was required for the primary segment of this project. In order to meet ERP requirements and secure an individual permit, two wet detention ponds were utilized. The stormwater was conveyed to the ponds via a stormdrain system consisting primarily of curb inlets. Offsite drainage was maintained via a combination of ditch bottom inlets connected to the storm drain systems and open swales. To ensure a secondary section would qualify for an exemption, existing drainage patterns had to be maintained. This was a challenge due to the addition of the curb and gutter and sidewalk. Closed flume inlets that drain into the existing roadside swales were utilized to drain the curb and gutter while maintaining the existing open swale drainage pattern.

Because much of the existing pavement structural course was in good condition, milling and overbuilding was utilized in order to minimize cost and help maintain traffic during construction. Full-depth, new construction was required outside of the existing pavement area to widen the roadway. Curb and gutter and a sidewalk was added on one side of the road.

The roadway was successfully widened, with new traffic signals, turn lanes, bike lane, and a sidewalk from Harrison Ave. to Minnesota Ave. Also the existing two-lane roadway from Minnesota Ave to Kirkwell Ave was reconstructed with the addition of bike lanes and sidewalk.



Naval Station Waterfront Repairs to Beach, Park, Marina, and Boat Ramp

This Design-Build project included design and construction support to remove, repair and/or replace damage to this waterfront facility from the effects of Hurricane Sandy, which made landfall in Cuba in October 2012.

The project included repairs and improvements to the public beaches, public marina, and restoration of a recreational dive park. Design included a new floating fuel pier, repair/replacement of the existing boat ramp, repairs to the damaged marina retail building and a new addition, repairs to the boat repair facility, and demolition and construction of new pavilions and restrooms. The rebuilding of the dive park included a two-way concrete ramp access with new breakwater wave protection and a new elevated concrete-paved training area, including vehicle access and parking with wave run-up and erosion shore protection.

The project is located in high seismic and wind zones, therefore the improvements were designed to withstand up to a 9-foot storm surge. Precast concrete was used for the dive ramp and shore protection wall to accelerate in-water construction, and epoxy coated reinforcing was utilized to provide longer service life.

Location

Guantanamo Bay, Cuba

Client

NAVFAC

Construction cost

\$10M

Expertise

Civil engineering, structural engineering, electrical engineering, architecture, surveying, permitting, construction

**Location**

Escambia County, FL

Client

Escambia County & Pensacola State College

Construction cost

N/A

Completed

Ongoing

Expertise

Habitat restoration, environmental, floodplain expansion and restoration

Similar teamHeath Jenkins
Neil Tucker**Jones Swamp Floodplain Restoration and Expansion**

Escambia County utilized a grant program for the National Fish and Wildlife Foundation (NFWF) to secure funding for the Jones Swamp Floodplain Restoration and Expansion Project. This grant aims to "enhance coastal habitats of the Gulf of Mexico and bolster priority fish and wildlife populations, while strengthening resilience within the coastal region." The Jones Swamp site was selected by the county due to many factors including its significant hydrologic influence on Bayou Chico, vast undeveloped land, impaired ecosystem, and potential for private corporation (Pensacola State College, owner).

Jones Swamp is located in south central Escambia County within the Bayou Chico watershed. The area was cleared and filled by the U.S. Navy in the 1950's to provide a clear zone beyond the southern end of the airfield runway as a safety feature. Corry Station no longer uses the runway system to launch or recover aircraft, and the clearway has not been maintained. The property was later donated to Pensacola State College in the 1970's with an agreement with Escambia County to develop a plan to restore this portion to the historic Jones Creek floodplain.

Mott MacDonald started by assessing the site for contamination. Contamination on the site that is found in large concentrations could derail any plans for restoration. There are known contaminant plumes which surround the project site so a proper site investigation was necessary to prevent any further spread of the problem. Following a successful site investigation, a conceptual model of the swamp was developed to produce results representing pre-and post-construction conditions. This step was taken not only to quantify the stormwater improvements of the project but primarily to ensure that there were no negative affects upstream or downstream of the planned project. A geotechnical evaluation was then completed. This evaluation located the historic elevation of the swamp and helped quantify and qualify the backfill material that was placed in the floodplain.

After compiling the results from all of the preliminary steps in the Jones Swamp Project, Mott MacDonald was then able to design a grading plan for the site. This grading plan included hammocks and depressions in the floodplain which provided different water regimes within the restoration area. These water regimes promote the planting and success of different vegetative habitats that will support equally varying wildlife communities.

Professional references

Mott MacDonald believes that clients who continue to use our services are a testament to the quality of the services we provide, and that we follow through with the services identified in our proposals.

Listed below are five clients that can attest to our team's outstanding engineering and technical services, with many being repeat business.

1.

City of Pensacola

Derrick Owens
Public Works Director
850.435.1755
dowens@cityofpensacola.com

2.

Okaloosa County

Scott Bitterman
County Engineer
850.689.5772
sbitterman@co.okaloosa.fl.us

3.

Escambia County

Thomas "TJ" Williams
Project Management Engineer
850.595.3417
tjwilliams@myescambia.com

4.

Bay County

Keith Bryant
Public Works Director
850.248.8301
kbryant@baycountyfl.gov

5.

Fort Walton Beach

Michael Beedie
City Manager
850.833.9504
mbeedie@fwb.org

REFERENCES FORM

List work which best illustrates current qualifications relevant to this solicitation accomplished by personnel that will be assigned to the County's project. List at least three but no more than five (5) projects. (This form may be reproduced.)

YOUR FIRMS NAME Mott MacDonald FL, LLC
PROPOSAL POINT OF CONTACT Heath Jenkins, PE PHONE 850.602.9778
EMAIL heath.jenkins@mottmac.com

REFERENCE I.

PROJECT NAME: Pensacola Stormwater Mater Plan
AGENCY: City of Pensacola
ADDRESS: 2757 N. Palafox Street
CITY, STATE, ZIP CODE: Pensacola, FL 32501
CONTACT PERSON: Derrik Owens
TITLE: Public Works Director
EMAIL: dowens@cityofpensacola.com
TELEPHONE: 850.435.1755
PROJECT COST: \$ 350k
COMPLETION DATE: 2019
SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)
Stormwater study, hydraulic modeling, hydrologic modeling, survey, design master
planning, cost estimates

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

Steve White, Heath Jenkins, Kevin Morgan, Neil Tucker

REFERENCE IV.

PROJECT NAME: Baldwin Road Widening
AGENCY: Bay County
ADDRESS: 840 W. 11th Street
CITY, STATE, ZIP CODE: Panama City, FL 32401
CONTACT PERSON: Keith Bryant
TITLE: Public Works Director
EMAIL: kbryant@baycountyfl.gov
TELEPHONE: 850.248.8301
PROJECT COST: \$ 4.5M
COMPLETION DATE: 2016
SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)
Roadway design, stormwater design, surveying, site planning, transportation planning,
permitting, bidding, construction administration
List key personnel assigned to this project that will work on the County project (include
assignments. You may attach information to this form):
Heath Jenkins, Thomas McLendon

REFERENCE V.

PROJECT NAME: Ft. Walton MSA
AGENCY: City of Ft. Walton
ADDRESS: 105 Miracle Strip Pkwy, SW
CITY, STATE, ZIP CODE: Ft. Walton Beach, FL 32548
CONTACT PERSON: Michael Beedie
TITLE: City Manager
EMAIL: mbeedie@fwb.org
TELEPHONE: 850.833.9504
PROJECT COST: Cost varies per project
COMPLETION DATE: 2020
SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)
Wastewater treatment plant evaluation, drainage improvements, general engineering
services, including but not limited to civil, electrical, mechanical and structural
List key personnel assigned to this project that will work on the County project (include
assignments. You may attach information to this form):
Kevin Morgan, Heath Jenkins

Required forms

CONE OF SILENCE FORM

The Board of County Commissioners have established a solicitation silence policy (Cone of Silence) that prohibits oral and written communication regarding all formal solicitations for goods and services (ITB, RFP, ITQ, ITN, and RFQ) or other competitive solicitation between the responder (or its agents or representatives) or other entity with the potential for a financial interest in the award (or their respective agents or representatives) regarding such competitive solicitation, and any County Commissioner or County employee, selection committee member or other persons authorized to act on behalf of the Board including the County's Architect, Engineer or their sub-consultants, or anyone designated to provide a recommendation to award a particular contract, other than the Procurement Department Staff.

The period commences from the time of advertisement until contract award.

Any information thought to affect the committee or staff recommendation submitted after responses are due, should be directed to the Procurement Officer or an appointed representative. It shall be the Procurement Officers decision whether to consider this information in the decision process.

Any violation of this policy shall be grounds to disqualify the respondent from consideration during the selection process.

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

I, David D. Skipper, PE representing Mott MacDonald Florida, LLC

(Print)

(Company)

On this 12th day of January 2021 hereby agree to abide by the County's "Cone of Silence" clause and understand violation of this policy shall result in disqualification of my proposal/submittal.


(Signature)

SWORN STATEMENT UNDER SETION 287.133 (3) (A) FLORIDA STATUTE ON PUBLIC ENTITY CRIMES

*THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER
AUTHORIZED TO ADMINISTER OATHS.*

1. This sworn statement is submitted with Response, Proposal or Contract for: Santa Rosa County
2. This sworn statement is submitted by, Mott MacDonald Florida, LLC, whose business address is, 220 W. Garden Street, Suite 700, Pensacola, FL 32502, and (if applicable) Federal Employer Identification Number (FEIN) is 59-1294824 (if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement).
3. My name is David D. Skipper, PE and my relationship to the entity named above is Senior Vice President (title).
4. I understand that a "public entity crime" as defined in paragraph 287.133 (1) (g) Florida Statute, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to , any response or contract for goods or services to be provided to any public entity or any agency or public subdivision of any other state or of the United States and involved antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentation.
5. I understand that "convicted" or "convicted" as defined in paragraph 287.133 (1) (b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime with or without an adjudication of guilt, in any federal or state trial court of records relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287 .133 (1) (a), Florida Statutes, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one of shares constituting a controlling income among persons when not for fair interest in another person, or a pooling of equipment or income among persons when not for fair market value under an length agreement, shall be a prima facie case that one person controls another person. A person who knowingly convicted of a public entity crime, in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in paragraph 287 .133 (1) (e), Florida Statutes, means any natural person or entity organized under the laws of the state or of the United States with the legal power to enter into a binding contract provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

- ☒ Neither the entity submitting this sworn statement, nor any officers, directors, executive, partners, shareholders, employees, member, or agents who are active in management of the entity, nor affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- ☐ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 And (please attach a copy of the final order)
- ☐ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)
- ☐ The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by, or pending with, the department of General Services)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM

David D. Skipper, PE

Name

Signature

January 12, 2021

Date

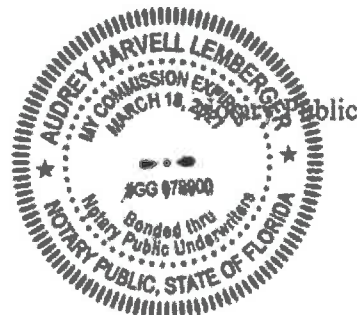
PERSONALLY APPEARED BEFORE ME, the undersigned authority, who, after first being sworn by me, affixed his/her signature at the space provided above on this day of 12th, 2021, and is personally known to me, or has provided _____ as identification.

STATE OF FLORIDA

COUNTY OF: ESCAMBA

My Commission expires: March 18, 2021

[Signature]



DEBARMENT FORM

Certification Regarding Debarment, Suspension, And Other Responsibility Matters

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or Local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or Local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name: David D. Skipper, PE Title: Senior Vice President

Signature: 

Firm: Mott MacDonald Florida, LLC

Street Address: 220 W. Garden Street, Suite 700

City: Pensacola

State: FL Zip Code: 32502

Solicitation Name Design Services Contract for # RFQ 21-006
Professional Engineering Services

CONFLICT OF INTEREST DISCLOSURE FORM

For purposes of determining any possible conflict of interest, all respondents, must disclose if any Santa Rosa Board of County Commissioner, employee(s), elected officials(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

Indicate either "yes" (a county employee, elected official, or agency is also associated with your business), or "no". If yes, give person(s) name(s) and position(s) with your business.

Yes: _____ No: X

Name(s)	Position(s)
_____	_____
_____	_____
_____	_____
_____	_____

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

FIRM NAME: Mott MacDonald Florida, LLC

BY (PRINTED): David D. Skipper, PE

BY (SIGNATURE): 

TITLE: Senior Vice President

ADDRESS: 220 W. Garden Street, Suite 700 State FL Zip Code 32502

PHONE NO: 850-484-6011

E-MAIL: david.skipper@mottmac.com

Date: 1/12/2021



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

ADDENDUM FORM

SRC Procurement Form ADM_029_00_082819

To: Planholders

From: Procurement Office

Date: December 28, 2020

Ref: Addendum #1 for RFQ-21-006 Design Services Contracts for Professional Engineering Services

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.

I. CLARIFICATIONS:

1. Please see Revised Cover Sheet for Page 20 of 32. (Attached.)
2. Under section II, RFQ 21-006, second page of preparation of RFQ, final statement- "Responses must include lump sum pricing. Use response form provided in this document. All proposed fees and costs must be broken down and disclosed in the response."
Should this statement be struck through and ignored? **Yes, strike out the language. Responses must include lump sum pricing. Use response form provided in this document. All proposed fees and costs must be broken down and disclosed in the response.**

This Addendum is furnished to all known prospective Proposers. Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.

NAME/TITLE: David D. Skipper, PE
Senior Vice President

SIGNATURE: 

COMPANY: Mott MacDonald Florida, LLC DATE: 1/12/2021



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

ADDENDUM FORM

SRC Procurement Form ADM_029_00_082819

To: Planholders

From: Procurement Office

Date: December 31, 2020

Ref: Addendum #2 for RFQ 21-006 Design Services Contract for Professional Engineering Services

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.

I. SPECIFIC QUESTIONS AND ANSWERS

1. Will you please make available the Santa Rosa County's Procurement and Purchasing Policy Manual?
https://santarosacofl-my.sharepoint.com/:b:/g/personal/brandyk_santarosa_fl_gov/EZP-qAG34ZIKiF0sCRiseHAB_Oci7F8iVined6VLNoodtw?e=vHUGDf
2. The scoring matrix specifies respondents are to "Provide 3 reference letters regarding 3 different projects for similar public sector projects." The proposal requirements specify 10 projects and 5 references. Please confirm how many projects and how many references are required. **Revised the Scoring Matrix as follows: Provide reference letters as stated in the proposal. (See Attached)**
3. Federal Funding Requirements: the bid documentation includes information about compliance with 2 CFR 200.321. The first paragraph of this section reads: "The selected firm will be required to provide said documentation after the selection process has been completed:..." The third bullet point of this section reads: "Documentation, including what firms were solicited as supplies and/or sub-contractors, as applicable, shall be included with the bid proposal." Please clarify at what point minority and/or women's business enterprise documentation must be provided. **Strikethrough last sentence (see attachment): Documentation, including what firms were solicited as suppliers and/or sub-contractors, as applicable, shall be included with the bid proposal.**
4. Tab 6 – Similar Project Experience – Are the 10 projects a maximum to include? May we include additional to show relevant project experience? **Tab 6 has been revised to allow no more than 20 projects. (See Attached)**



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

5. The evaluation criteria notes that we are to provide 3 reference letters regarding 3 different projects for similar public sector projects. Can these reference letters be from references listed on the reference form? Should these letters be included in Tab 6? **See response to Number 2.**
6. Are partial points awarded for use of MBE, WBE, or labor surplus firm subconsultants as part of team? **Yes, partial points may be awarded.**
7. Do references need to be listed separately in Tab 7 or shall we just insert the references form here? **The reference form may be used in Tab 7**
8. Under which tab should the required forms (Public Entity Crimes, Cone of Silences, etc) be included? **Do not include these in a Tab. Provide them in the front or back to the proposal.**
9. Would you consider extending the due date? **Not at this time.**
10. References: On the reference form it asks for 3-5 references, Tab 7 asks for 5, and the scoring sheet references 3. Do all three areas for references require a different number of references? Is it permitted to overlap references, meaning to include the same references in each section? **See response to Number 2.**
11. Page 5 Are there specific signatory requirements for corporations? **Provide the person in your organization authorized to sign legal contracts.**
12. Page 7: Are the references to state contractor licensure and Chapter 489 FS to be disregarded? Likewise, also on page 7, references to "drawings and specifications and proposed fees and costs?" **Yes, these references can be disregarded. A new statement will be added to ensure compliance with 471.023 Florida Statutes. (See Attached)**

13.

This Addendum is furnished to all known prospective Proposers. Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.




NAME/TITLE: David D. Skipper, PE
Senior Vice President

SIGNATURE: _____

A handwritten signature in blue ink, appearing to be "D. Skipper", is written over a horizontal line.

COMPANY: Mott MacDonald Florida, LLC DATE: 1/12/2021

Certifications and licenses

	Ron DeSantis, Governor	
STATE OF FLORIDA		
BOARD OF PROFESSIONAL ENGINEERS		
THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES		
MOTT MACDONALD FLORIDA, LLC		
111 WOOD AVENUE SOUTH 5TH FLOOR ISELIN NJ 08830-4112		
LICENSE NUMBER: CA155		
EXPIRATION DATE: FEBRUARY 28, 2021		
Always verify licenses online at MyFloridaLicense.com		
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Ron DeSantis, Governor

STATE OF FLORIDA

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

JENKINS, THOMAS HEATH
220 WEST GARDEN ST., SUITE 700
PENSACOLA FL 32502

LICENSE NUMBER: PE49053
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor

STATE OF FLORIDA

dbpr
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

DENTY, LOWRY J.
3021 MENENDEZ DRIVE
PENSACOLA FL 325030000

LICENSE NUMBER: PE52611
EXPIRATION DATE: FEBRUARY 28, 2021
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RICK SCOTT, GOVERNOR

STATE OF FLORIDA

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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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KIRK, AMBER NICOLE
7963 DOUBLEDGE DRIVE
PENSACOLA FL 32507

LICENSE NUMBER: PE74003
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Ron DeSantis, Governor

STATE OF FLORIDA

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WHITE, STEVEN D.
4104 BERRY CIRCLE
PACE FL 32571

LICENSE NUMBER: PE58209
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Ron DeSantis, Governor

STATE OF FLORIDA

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FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

SPECIAL INSPECTOR NUMBER: 2045

PERRY, BILLY R.
1022 WEST 23RD STREET
SUITE 680
PANAMA CITY FL 32405

LICENSE NUMBER: PE40552
EXPIRATION DATE: FEBRUARY 28, 2021
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RICK SCOTT, GOVERNOR

STATE OF FLORIDA

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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

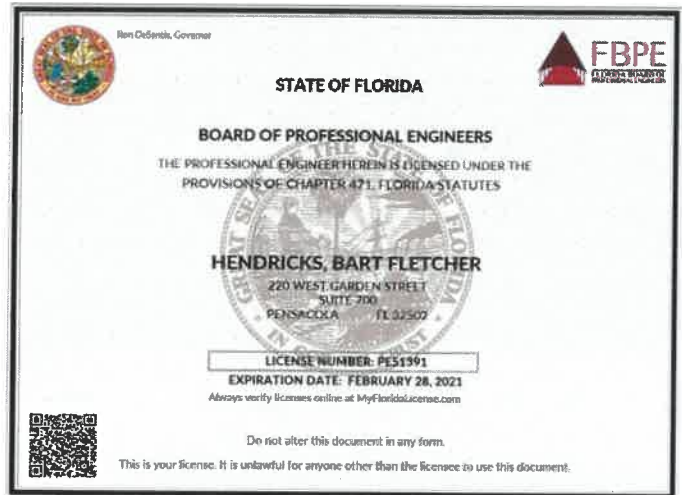
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MORGAN, KEVIN M.
PENSACOLA FL 32503

LICENSE NUMBER: PE10134
EXPIRATION DATE: FEBRUARY 28, 2021
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State of Florida

Department of State

I certify from the records of this office that MOTT MACDONALD FLORIDA, LLC is a limited liability company organized under the laws of the State of Florida, filed on December 27, 2002.

The document number of this limited liability company is L02000034908.

I further certify that said limited liability company has paid all fees due this office through December 31, 2020, that its most recent annual report was filed on January 14, 2020, and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Eighth day of April, 2020*




Randy Rye
Secretary of State

Tracking Number: 1959177316CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



Mott MacDonald
220 W. Garden Street
Suite 700
Pensacola, FL 32502

For more information,
mottmac.com

EXHIBIT C

SCHEDULE A BASIS OF COMPENSATION

1. As consideration for providing Services set forth herein Article Two of the Contract for Professional Consulting Services, the County agrees to pay, and Consultant agrees to accept, fees as indicated below:

[SHOULD BE SPECIFIC TO EACH PARTICULAR TYPE OF SERVICE BEING PROVIDED BY CONSULTANT – MAY BE LUMP SUM PAYABLE IN PARTS BASED ON PROVIDING DELIVERABLES TO COUNTY OR MAY BE PAID MONTHLY. SOME SERVICES MAY BE PAID BASED ON AN HOURLY WAGE. HOURLY RATES FOR HOURLY WORK SHOULD ALSO BE STATED HERE.]

2. Reimbursable costs shall mean the actual expenditures made by the Consultant while providing Services, in the interest of the Project, and may include the following items:

a. Expenses for preparation, reproduction, photographic production techniques, postage and handling of drawings, specifications, bidding documents and similar Project-related items.

b. When authorized in advance by County, except as specifically otherwise provided herein, the expense of overtime work requiring higher than regular rates.

c. Expenses for renderings, models and mock-ups requested by County.

3. Unless approved by the County in advance, reimbursable costs shall not include the following:

a. Transportation and subsistence, including transportation and subsistence expenses incidental to out-of-town travel required by Consultant and directed by County, other than visits to the Project Site or County's office.

b. Consultant overhead including field office facilities.

c. Overtime not authorized by County.

d. Expenses for copies, reproductions, postage, handling, express delivery, and long-distance communications not required for a Project.

4. Payments will be made for services rendered on no more than on a monthly basis, within thirty (30) days of submittal of an approvable invoice. The number of the Notice to Proceed pursuant to which the services have been provided shall appear on all invoices. All invoices shall be reasonably substantiated, identify the services rendered and must be submitted in triplicate in a form and manner required by County.

EXHIBIT D

Appendix B Santa Rosa County Contractors/Business Insurance Requirements November 2017

The submitter receiving an award will obtain or possess the following insurance coverage's and will provide Certificates of Insurance to the OWNER to verify such coverage.

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Contractor will provide a copy of their Exemption Certificate and Articles of Incorporation if claiming exception to Workers Compensation requirement. The Division of Workers' Compensation offers an online system for applicants to apply for or renew a Certificate of Election to be Exempt from Florida's Workers' Compensation Law, modify an exemption application, or print their certificate. The website is wc_exemption@myfloridacfo.com.

Architects and Engineers Professional Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$3,000,000 aggregate.

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage.

This shall include coverage for:

- a. Premises/operations
- b. Products/complete operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of 500,000 per person/500,000 per accident and 500,000 for property damage are required.

This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

- 1) Prior to execution of a contract or agreement, certificates of insurance will be produced

that shall provide for the following:

- a. Santa Rosa County shall be named as an additional insured on the commercial general liability policy, including products/completed operations coverage.
 - b. Santa Rosa County shall be named as an additional insured on the business auto liability policy.
 - c. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.
- 2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.
 - 3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations.
 - 4) In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

EXHIBIT E

Nondiscrimination

1. During the performance of this Agreement, the Consultant, for itself, its assignees, and successors in interest, agrees as follows:

- a. **Compliance with Regulations:** The Consultant will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time:

Title VI List of Pertinent Nondiscrimination Acts and Authorities

- Title VI of the Civil Rights Act of 1964 (42 USC § 2000d *et seq.*, 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination in Federally-assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 *et seq.*), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended (42 USC § 6101 *et seq.*) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 USC § 471, Section 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (PL 100-209) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 USC §§ 12131 – 12189) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC 1681 *et seq.*).

- b. Nondiscrimination: The Consultant, with regard to the work performed by it during the Agreement, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.
- c. Solicitations for Subcontracts, including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding or negotiation made by the Consultant for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the contractor's obligations under this contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.
- d. Information and Reports: The Consultant will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the County or other governmental entity to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Consultant will so certify to the County or the other governmental entity, as appropriate, and will set forth what efforts it has made to obtain the information.
- e. Sanctions for Noncompliance: In the event of a Consultant's noncompliance with the non-discrimination provisions of this contract, the County will impose such contract sanctions as it or another applicable state or federal governmental entity may determine to be appropriate, including, but not limited to:
 - a. Withholding payments to the Consultant under the Agreement until the Contractor complies; and/or
 - b. Cancelling, terminating, or suspending the Agreement, in whole or in part.
- f. Incorporation of Provisions: The Consultant will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Consultant will take action with respect to any subcontract or procurement as the County may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Consultant becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Consultant may request the County to enter into any litigation to protect the interests of the County. In addition, the Consultant may request the United States to enter into the litigation to protect the interests of the United States.