

REG ARCHITECTS, INC.

ARCHITECTURE * INTERIOR DESIGN * PLANNING

Exhibit A-Scope of Work

New Public Safety Training Complex, Martin County, Florida
Project Proposal with Program and Fees REG No.: 19017
July 12, 2019/Revised Aug. 5, 2019/Rev. Sept. 20, 2019/Rev. Sept. 25, 2019

REG Architects, Inc. is pleased to provide you this Scope of Work to assist you in preparing Conceptual Design through Construction Documents and Permitting for the above referenced project. The proposed assignment as we understand it, consists of providing Architecture and Engineering services for an Administrative Building, Shelter, Burn Building, Training Tower and an Apparatus Driving Training Course per the scope of work provided in RFQ 2019-3123. The program is described in further detail in the paragraphs below.

1. REG Architects, Inc. Project Team:

1. REG ARCHITECTS, INC. Architectural, Planning & Interior Design:
Project Team Leader Rick Gonzalez, AIA, President; Colin Price, Vice President; Vlad Dumitrescu, AIA, LEED-AP, Associate, Sr. Project Designer; Sr. Project Manager, Christine Merrell, RA, Project Manager; and Ricardo Gonzalez, Sr., Quality Control Coordinator.
2. REG CONSULTANTS as selected by REG Architects with input from the Client to include: Engenuity Group, Inc. (Engenuity) for Civil Engineering, Site Planning, Survey and Traffic Services and their subconsultant, Bowman Consulting, Inc.; TLC Engineering Solutions (TLC) for Mechanical, Electrical Plumbing and Fire Protection Engineering and Structural Engineering; Ardaman & Associates, Inc. (Ardaman), for Geotechnical Engineering and Environmental Services; and Lemay, Erickson, Willcox Architects (LEWA), an Architectural Fire Facilities Consultant with their sub-consultant Elliott, LeBoeuf & McElwain (ELM) a Fire Facility Engineering firm.
3. CLIENT'S CONSULTANTS: Client (Martin County General Services) shall provide at their expense all FAA regulation advice and consulting services necessary for the development of the project that are not included in REG's consulting team and/or scope of work and assist in coordinating these services with REG's team.

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2. Proposed Project Program:

TASK I. ARCHITECTURAL AND ENGINEERING SERVICES

Per RFQ 2019- 3123, the scope of work for this task includes:

“New Public Safety Training Complex (construction cost estimate \$7.5 million)

- a. Design and permitting of a training facility for the Martin County Fire and Rescue Department on an approximately 7.3-acre site located at the northern area of Witham Field, in Stuart, FL
- b. Program elements will include the following:
 - i. A 6,000 square foot, single story, classroom and equipment storage area.
 - ii. A Burn Building which is planned to be a 3-story structure with a footprint of approximately 2,700 square feet.
 - iii. A Training Tower which is planned to be a 4-story structure with a footprint of approximately 1,600 square feet
 - iv. An open paved space designed as an Apparatus Driving Training Course estimated to be approximately three acres in size”

All tasks will be broken up into typical phases as follows:

Part 1 - Information Gathering:

Task 1.1 Architectural Assessment: (REG)

REG’s team shall visit the property to gather information on existing conditions. REG will also obtain any existing record drawings from either the client and/or local municipality/FAA that will help in the process of establishing existing conditions.

REG will review and help finalize site and buildings programs with Client.

Task 1.2 Civil Engineering Assessment and Survey: (Engenuity)

Topographic information will be obtained of all above ground features and native trees 6” diameter and larger within the area shown in yellow on the attached aerial graphic (Civil Attachment A). See the Designated Scope of Services (Civil Attachment B) for a list of items to be included on the Survey. Included within these limits are the areas shown in red that Engenuity’s sub-consultant, Bowman Consulting, Inc., will mark underground utilities that Engenuity will field locate and be shown on the survey. Engenuity will obtain two (2) cross sections at the locations identified with purple lines. Elevations will be obtained at a minimum of ten (10) foot spacing along each cross section and at major break points. Engenuity

will show the cross sections in plan view only on the survey. Cross sections of the alternate road path will be obtained at a hundred (100) foot intervals with shots obtained every twenty-five (25) feet along each cross section. The final deliverable will be four (4) signed and sealed copies of the Topographic and Tree Survey which can be provided within forty-five (45) days of receiving authorization to proceed. In the event of rain delaying our field work, the delivery time will be pushed back the same number of days.

Task 1.3 Structural Engineering: (TLC)

Will review structural needs for 6,000 sf/1-story classroom building with equipment stage; 2700 sf/3-story Burn Building and 1600 sf/4-story Training Tower.

Task 1.4 Mechanical, Electrical, Plumbing and Fire Protection Engineering: (TLC)

Review MEP needs for: 6,000 sf/1-story classroom building with equipment storage, 2,700 sf/3-story Burn Building, 1,600 sf/4-story training tower, Apparatus driver training course, Lift Station power, Site Lighting, HVAC review with Trane.

Task 1.5 Geotechnical Field Services: Drilling and Testing (Ardaman)

The purpose of this work is to obtain general subsurface soil information to be used in considering foundation design and other geotechnical aspects of this project. It is anticipated that the maximum structural loads for the burn building and training tower will be less than 8 kips per lineal foot for walls and less than 125 kips for columns, and less than 3 kips for walls and 50 kips for columns in the classroom building. Multiple borings will be taken at the following locations: 3-story burn building, 4-story training tower, classroom building, culvert crossing, access roadway and pavement areas. In addition, two (2) South Florida Water Management district (SFWMD) exfiltration tests will be performed to obtain soil hydraulic conductivity values for others to use in the design of storm water systems. A truck-mounted drill rig in addition to a support truck will perform the field work. The Standard Penetration Test (SPT) borings will be performed in general accordance with the procedures recommended in ASTM D-15=86 while the augers borings will be performed in general accordance with ASTM D-14522. The exfiltration test will be performed in accordance with the methods described in the SFWMD Permit Information Manual, Vo. IV.

Task 1.6 Fire Rescue Facility Architectural Consultant (LEWA)

Will review and provide input on all design components including Classroom Building Programming with Meeting participation and design/subconsultant coordination.



Task 1.7 Fire Rescue Facility Engineering Consultant (ELM)

- A. Assist with programming the fire and rescue training props and with laying out the master plan/site plan.
- B. Provide engineering design and analysis, with exceptions noted below, for a burn building and training tower to be placed on a prepared site in Martin County, FL. The following assumptions apply: The burn building will be a three story, reinforced concrete structure measuring approximately 2,700 sf footprint and used for live fire training in accordance with NFPA 1403, utilizing Class A fires. The training tower will be a four-story structure, approximately 1,600 sf footprint, used for cold fire training exercises, such as ladders, rappelling, stairs, search and rescue, forced entry, confined space, and aerials. The structure will not be designed nor plumbed for current or future gas-fired props. Planning and design services relating to gas-fired props or making the training tower a current or future live fire training structure could be provided as additional services.

Part 2 - Conceptual / Schematic Design & Site Plan (SD):

Task 2.1 Architectural: (REG)

Based on information obtained from Client and/or Client FAA Consultant, REG and project team shall prepare up to two preliminary conceptual drawings (architectural & site) consisting of sketches, diagrams, and computer models used to describe the general idea, scale, massing, and relationship of the project components, for initial reviews and approval by Client. Based on approved Conceptual Design Documents and any adjustments authorized by the Client, REG and project team shall prepare Schematic Design Documents consisting of site plan, preliminary floor plans, elevations, sections and refined computer models to translate concept drawings to digital format.

- A. Deliverables: Up to two preliminary architectural and site plan designs. Meeting with Martin County/FAA Engineering Consultant.

Task 2.2 Civil: Site Plan Approval Assistance-Schematic Design, Civil Engineering (Engenuity)

- A. Meet with OWNER to define and clarify OWNER'S requirements for the Project and available data.
- B. Site Plan with technical data and information for creation of Site Plan in collaboration with REG Architects.
- C. Research and Coordination of existing water and sewer utility connection points located on SE Monterey Commons Blvd. It is assumed a small (private) sewage lift station, off-site force main and off-site water main will be required.
- D. Research and Coordination on legal positive outfall point and detention requirements for storm water discharge and runoff.
- E. Research and Coordination on site access to SE Kingswood Terrace, including canal pipe culverting.

F. Research and Coordination with Federal Aviation Administration (FAA) Engineering Consultant for civil improvements input.

Task 2.3 Structural: (TLC):

Provide conceptual/schematic design input on proposed site and buildings designs.

Task 2.4 MEP Engineering: (TLC)

Provide conceptual/schematic design input on proposed site and buildings designs for MEP. (Fire Protection Design shall consist of schematic plans and “performance based” specifications).

Task 2.5 Geotechnical Engineering: (Ardaman)

No services provided for Part 2.

Task 2.6 Classroom Building Concepts/Schematics (LEWA)

Interior Organization - Program Components, Circulation (public/staff), Preliminary Building Concepts/Strategies, Schematic Concept, Materials Definition-Interior & Presentation Graphics-Plans; coordination of Subconsultant (ELM).

Task 2.7 Burn Building & Training Tower Engineering (ELM)

Attend (1) in-person meeting with Client and Owner. The meeting will occur at the beginning of the programming and schematic design phase to discuss optional features and to design concepts. Up to a maximum of three (3) subsequent meetings would be covered by conference calls /online conferencing and are included. Additional meetings are not included. Coordinate burn building and training tower designs with MEPS and civil engineers. Coordinate with REG Architects during production of General Conditions, contract between Owner and Builder, Bid Form, and front-end specifications (Divisions 0 and 1) to verify that burn building and training tower requirements are included in these documents. Basis of Design: Palm Beach County Facilities.

Part 3 - Design Development (DD):

Task 3.1 Architecture: (REG)

Based on approved Schematic Design Documents and any adjustments authorized by the Client in the program, REG’s team shall prepare Design Development Documents consisting of drawings and other documents to fix and describe the size and character of the Project as to architectural, structural, mechanical, electrical, plumbing, fire protection, civil and geotechnical including obtaining input from REG Consultants, Client and Client’s FAA Engineering Consultant.



Task 3.2 Design Development Phase Services: (Engenuity)

- A. Prepare drawings indicating the scope, extent, and character of the paving, grading, drainage, wastewater, and water work to be performed and furnished by the CONTRACTOR.
- B. It is assumed there will be one (1) water main connection point to the existing Martin County utility system at SE Monterrey Commons Blvd.
- C. It is assumed there will be a culvert (piped) crossing for the access roadway from the site over the canal onto SE Kingswood Terrace. Roadway connection and minor driveway improvements are included for the SE Kingswood Terrace connection point. The access design and permitting will be completed initially to allow for construction of these improvements to facilitate contractor access from outside the airport facility.
- D. The paving and drainage plan will include the existing paved area noted as the proposed Fire Apparatus Driver Training Competency Course.
- E. Prepare drainage calculations.
- F. Prepare lift station calculations.
- G. Attend up to two (2) coordination meetings.

Task 3.3 Structural Engineering: (TLC)

Prepare Design Development Documents for all buildings.

Task 3.4 MEP Engineering (TLC)

Prepare Design Development documents for all buildings and site components: Heating, Ventilating and Air-Conditioning (HVAC) Engineering, Plumbing Engineering, Electrical Engineering including empty conduits and boxes for voice/data, cable TV access control and, CCTV and Fire Protection Engineering. Courtesy review of HVAC with Trane.

Task 3.5 Geotechnical Engineering: (Ardaman)

No. services provided for Part 3.

Task 3.6 Classroom Building (LEWA)

Provide input to the Design Development: Architectural Site Plan, Floor Plans, Building Sections and Materials Definition-Interior.

Task 3.7 Burn Building & Training Tower Engineering (ELM)

Provide complete set of design development engineering drawings, with exceptions noted below, for a burn building and training tower to be constructed on a level, prepared site in Martin County, FL that has soils suitable for supporting shallow building foundations (spread footings). We estimate that these structures will require 40 sheets of 24" x 36" drawings. Provide set of technical specifications, with exceptions noted below, for the burn building and training tower, including concrete, masonry, miscellaneous metals, and thermal linings. General consultation

necessary to coordinate project, answer questions from Owner and Client, and generally assist forward progress of design development process.

Part 4 - Permitting (P):

Task 4.1 Architecture: (REG)

The architect shall provide three (3) full sets of Construction Documents necessary for permitting to the Client or selected General Contractor for issuance to the local building department for review, if necessary. The Architect shall pay submitting or review applications fees (if necessary) and be reimbursed as an additional expense by the Client.

Task 4.2 Civil Engineering: (Engenuity)

- A. Prepare drawings indicating the scope, extent, and character of the paving, grading, drainage, wastewater, and water work to be performed and furnished by the CONTRACTOR.
- B. It is assumed there will be one (1) water main connection point to the existing Martin County utility system at SE Monterrey Commons Blvd.
- C. It is assumed there will be a culvert (piped) crossing for the access roadway from the site over the canal onto SE Kingswood Terrace. Roadway connection and minor driveway improvements are included for the SE Kingswood Terrace connection point. The access design and permitting will be completed initially to allow for construction of these improvements to facilitate contractor access from outside the airport facility.
- D. The paving and drainage plan will include the existing paved area noted as the proposed Fire Apparatus Driver Training Competency Course.
- E. Prepare drainage calculations requested by permitting agencies.
- F. Attend up to four (4) coordination meetings.
- G. Provide technical criteria, written descriptions, and design data for filing applications for permits from the following governmental authorities having jurisdiction to review or approve the design of the Project:
 1. South Florida Water Management District – On-site ERP drainage and dewatering permits.
 2. Martin County Engineering Department On-Site Drainage Review, Utility in Right-of-Way and Kingswood Terrace access roadway.
 3. Martin County Utilities Department- Water and Wastewater Permit
 4. Florida Department of Environmental Protection – Water and Wastewater permit.
 5. Martin County Fire Rescue – Water Permit.
 6. NPDES Permit Application (NOI)



Normal and customary permitting activities are included in ENGINEER'S services. Responding to application review comments that require ENGINEER'S services that are not normal and customary are additional services that can be performed on an hourly basis upon authorization.

Task 4.3 Structural & MEP Engineering: (TLC)

Response to local permitting officials' comments.

Task 4.4 Geotechnical Engineering: (Ardaman)

No. services provided for Part 3.

Task 4.5 Classroom Building: (LEWA)

Review of applications or permitting fees if required or requested. Response to permitting questions as needed.

Task 4.6 Burn Building and Training Tower (ELM)

Assist with explaining to permitting official and county engineering office that the burn building and training tower are training props, not occupied buildings.

Part 5 - Construction Documents (100% CD Phase):

Task 5.1 Architecture: (REG)

Based on approved Design Development Documents and any other adjustments to the scope approved/authorized by the Client, REG shall prepare, for approval by the Client, Construction Documents consisting of drawings and note form specifications setting forth in detail the requirements for construction of the project including obtaining input from REG Consultants and Client's FAA Engineering Consultants with reviews at: 30% completion, 60% completion and 90% completion.

A. Deliverables: three (3) full sets of Construction Documents with Specification Manual at 30%, 60% and 90% completion.

Task 5.2 Civil Engineering: (Engenuity)

A. Prepare drawings indicating the scope, extent, and character of the paving, grading, drainage, wastewater, and water work to be performed and furnished by the CONTRACTOR.

B. It is assumed there will be one (1) water main connection point to the existing Martin County utility system at SE Monterrey Commons Blvd.

C. It is assumed there will be a culvert (piped) crossing for the access roadway from the site over the canal onto SE Kingswood Terrace. Roadway connection and minor driveway improvements are included for the SE Kingswood Terrace connection point. The access design and permitting will be completed initially

to allow for construction of these improvements to facilitate contractor access from outside the airport facility.

- D. The paving and drainage plan will include the existing paved area noted as the proposed Fire Apparatus Driver Training Competency Course.
- E. Prepare drainage calculations.
- F. Prepare lift station calculations.
- G. Attend up to two (2) coordination meetings.
- H. Prepare a Pollution Prevention Plan.
- I. Prepare Engineer's Opinion of Cost for the overall civil site improvements, including two (2) options for roadway access to the site.

Task 5.3 Structural Engineering: (TLC)

30%, 60% and 90% Construction Document delivery.

Task 5.4 MEP Engineering: (TLC)

30%, 60% and 90% Construction Document delivery.

Task 5.5 Geotechnical Engineering: (Ardaman)

No. services provided for Part 4.

Task 5.6 Classroom Building: (LEWA)

Reviews at 30%, 60% and 90% completion to facilitate completion of final set of plans

Task 5.7 Burn Building & Training Tower: (ELM)

Provide one set of reproducible drawings and technical specifications to the Client at Final Construction Documents. E-mail PDF files of drawings and technical specifications to the client at 30%, 60% and 90% Construction Documents and Final Construction Documents.

TASK II. Bidding (B) and Construction Administration (CA):

Task 1.1 Architecture (REG)

For the Bidding Phase of the project, REG shall assist the Client in obtaining bids or negotiated proposals and assist in awarding and preparing contract for construction.

- A. Deliverables: Additional drawings available in electronic format for distribution to General Contractors. Response to RFIs & preparation of Addenda (if necessary).

For the Construction Administration Phase of the project, REG shall conduct regularly scheduled site visits for jobsite meetings, site observations, and shop drawing reviews. Monthly field reports shall be provided based on-site

observations. Please note, construction administration does not include any site inspections, such as field testing, or special inspections. Nor does it include any changes to the project scope or plans.

A. Deliverables: Review of Contractor submittals, periodic Field Reports, and monthly site visits.

Task 1.2 Civil Engineering Construction Phase Services: (Engenuity)

- A. Preconstruction Conference. Attend a Preconstruction Conference prior to commencement of Work at the Site.
- B. Visits to Site and Observation of Construction. In connection with observations of CONTRACTOR'S work in progress while it is in progress:
 - 1. Make no more than eighteen (18) visits to the site at intervals appropriate to the various stages of construction, as ENGINEER deems necessary, in order to observe as an experienced and qualified design professional the progress and quality of the Work. Such visits and observations by ENGINEER, are not intended to be exhaustive or to extend to every aspect of CONTRACTOR'S work in progress or to involve detailed inspections of CONTRACTOR'S work in progress beyond the responsibilities specifically assigned to ENGINEER in the Contract Documents, but rather are to be limited to spot checking, selective sampling, and similar methods of general observation of the Work based on ENGINEER'S exercise of professional judgment. Based on information obtained during such visits and such observations, ENGINEER will determine in general if EXHIBIT "A" – ENGINEER'S SERVICES PAGE 4 OF 5 2019 07-10 Project No. 19126.01 CONTRACTOR'S work is proceeding in accordance with the Contract documents, and ENGINEER shall keep OWNER informed of the progress of Work. 2. ENGINEER will not, during such visits or as a result of such observations of CONTRACTOR'S work in progress, supervise, direct, or have control over CONTRACTOR'S work nor shall ENGINEER have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by CONTRACTOR, for safety precautions and programs incident to regulations applicable to CONTRACTOR'S furnishing and performing the Work. Accordingly, ENGINEER neither guarantees the performance of any CONTRACTOR nor assumes responsibility for any CONTRACTOR'S failure to furnish and perform its work in accordance with the Contract Documents.
- C. Clarifications and Interpretations; Field Orders. Issue necessary clarifications and interpretations of the Contract Documents as appropriate to the orderly completion of CONTRACTOR'S work. Such clarifications and interpretations will be consistent with the intent of and reasonably inferable from the Contract Documents. ENGINEER may issue Field Orders authorizing minor variations from the requirements of the Contract Documents.

- D. Shop Drawings and Samples. Review and approve or take other appropriate action in respect to Shop Drawings and Samples and other data which CONTRACTOR is required to submit, but only for conformance with the information given in the Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated in the Contract Documents. Such review and approvals or other action will not extend to means, methods, techniques, sequences or procedures of construction or to safety precautions and programs incident thereto. ENGINEER has an obligation to meet the CONTRACTOR'S submittal schedule that has earlier been acceptable to ENGINEER.
- E. Applications for Payment. Based on ENGINEER'S on-site observations as an experienced and qualified design professional, ENGINEER will review pay applications and advise OWNER to either recommend payment or return the pay application to the CONTRACTOR for correction.
- F. Inspections and Tests. Require such special inspections or tests of CONTRACTOR'S work as deemed reasonably necessary, and receive and review all certificates of inspections, tests, and approvals required by Laws and Regulations or the Contract Documents. ENGINEER'S review of such certificates will be for the purpose of determining that the results certified indicate compliance with the Contract Documents and will not constitute EXHIBIT "A" – ENGINEER'S SERVICES PAGE 5 OF 5 2019 07-10 Project No. 19126.01 an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the requirements of the Contract Documents. ENGINEER shall be entitled to rely on the results of such tests. Field testing of materials is not included in ENGINEER'S scope of services.
- G. Record Drawings. Review Record Drawings prepared and certified by the CONTRACTOR'S Florida licensed surveyor and the CONTRACTOR.
- H Completion of Construction Certifications. Prepare construction completion certifications and submit to the following agencies:
 - 1. South Florida Water Management District
 - 2. Martin County Engineering Department
 - 3. Martin County Utility Dept. and FDEP
 - 4. NPDES Notice of Completion
- I. Substantial Completion. Promptly after notice from CONTRACTOR that CONTRACTOR considers the entire Work ready for its intended use, in company with OWNER and CONTRACTOR, conduct a review of the work to determine if it is Substantially Complete J. Final Notice of Acceptability of the Work. Conduct a final review to determine if the completed Work of CONTRACTOR is acceptable.

Task 1.3 Structural Engineering (TLC)

Services to include:

- A. Response to bidder questions.

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- B. Response to Contractor's Request for Information (RFI's) and submittal review during the construction period.
- C. A total of four (4) site visits per discipline, to become generally familiar with the progress and quality of the construction work in order to determine if the work is being performed in general accordance with the construction documents. (The mix of mechanical, electrical and structural field representation may change based on the needs of the project during the construction phase). Substantial completion and final inspection, if requested, would each constitute a site visit.

Task 1.4 MEP Engineering (TLC)

Services to include:

- A. Response to bidder questions,
- B. Response to Contractor's Request for Information (RFI's) and submittal review during the construction period,
- C. A total of four (4) site visits per discipline, to become generally familiar with the progress and quality of the construction work in order to determine if the work is being performed in general accordance with the construction documents. (The mix of mechanical, electrical and structural field representation may change based on the needs of the project during the construction phase). Substantial completion and final inspection, if requested, would each constitute a site visit.

Task 1.5 Classroom Building: (LEWA)

In Bidding Phase LEWA will assist REG with: project coordination/administration, drafting addenda items, answering contractor's questions and evaluation of bids. In the Construction Administration Phase, LEWA will assist with the following items: project coordination/administration, periodic progress inspections, material substitutions, review of change orders, review of shop drawings, punch list inspection and post-occupancy warranty period administration.

Task 1.6 Burn Building & Training Tower (ELM)

During Bidding Phase: be available for conference call during pre-bid conference, respond to Bidders' RFIs on burn building and training tower items designed by EL&M and modify Construction Documents, if required to answer the RFIs.

During Construction Phase: be available for conference call during pre-construction conference, review technical shop drawings for burn building and training tower items designed by EL&M, review technical material submittals for burn building and training tower items designed by EL&M, make one site visit to create a punch list for both structures at substantial completion. A site visit to confirm completion of punch lists is not included, but could be provided as



additional services. respond to the Contractor's technical RFIs (Requests for Information), review materials testing reports.

TASK III. OPTIONAL SERVICES (if required and requested, available at an additional fee)

Part 1 - Interior Design

REG Interiors will prepare conceptual design study for each area within the context of the overall project. The floor, wall and ceiling finishes, lighting and furniture that will be impacted in each area will either be matched or selected, and finishes will be recommended. Further, we will provide sample finishes on Interior color boards, with main materials and finishes supporting proposed solutions and/or integrating any existing built-ins or furniture with similar product/design. The submission will be designed to facilitate decisions/comments as well as preparing the base for construction assessment, bidding and construction. Specific services include: choosing finish selections, fabrics for furnishings, lighting fixtures, furnishings, treatments for windows and create color boards for visual presentation

Part 2 - Landscape Architecture and Irrigation:

Can be provided as an additional service by Cotleur Hearing at a later date.

It is REG Architect's intent and suggestion to continue with each of the tasks of the project consecutively in order to meet the project's schedule. Outstanding balances must be paid prior to the start of work for the next phase. The following fees are reflective of a standard design-bid-build method of project delivery and are subject to change if another project delivery method is used.

Exclusions:

Multiple Preliminary Designs beyond the two included in the Scope of Work, Marketing Materials, Landscape/Irrigation, Existing Facility As-Builts, NOA submittals, Building Information Modeling (BIM), Energy Modeling, Sustainable Design (LEED or other "green" certification), Acoustical Design, Security Design, Interior Design/Decorating, As-Constructed Record Drawings, Detailed Cost Estimating, On-Site Project Representation, System Commissioning, Field Testing, and Special Inspections.

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Part 1 - Information Gathering

Discipline	Job Title	Man-Hours	Rates \$	Amounts \$	Additional \$	Totals \$
Task 1.1 Architectural REG Architects, Inc.	Principal Architect	3.00	\$ 225.00	\$ 675.00		
	Senior Project Manager	18.00	\$ 165.00	\$ 2,970.00		
	Project Manager	5.00	\$ 150.00	\$ 750.00		
	CAD/BIM	6.00	\$ 100.00	\$ 600.00		
	Associate Architect	0.00	\$ 210.00	\$ -		
	Interior Design	0.00	\$ 125.00	\$ -		
	Construction Administrator	0.00	\$ 120.00	\$ -		
	Graphic	0.00	\$ 100.00	\$ -		
	Administration	0.00	\$ 65.00	\$ -		
						\$4,995.00
Task 1.2 Civil Engenuity Group, Inc. Sub-Consultant Bowman Engineering	Corporate Officer	0.00	\$ 198.00	\$ -		
	Department Director	0.00	\$ 176.00	\$ -		
	Project Manager	0.00	\$ 122.00	\$ -		
	Project Engineer	0.00	\$ 115.00	\$ -		
	Senior Administration	2.00	\$ 66.00	\$ 132.00		
	Senior Prof. Land Surveyor	6.00	\$ 122.00	\$ 732.00		
	Project Land Surveyor	7.00	\$ 108.00	\$ 756.00		
	CADD Technician	28.00	\$ 100.00	\$ 2,800.00		
	2-Man Survey Crew	64.00	\$ 131.00	\$ 8,384.00		
	Underground Utilities				\$ 1,200.00	
						\$14,004.00
Task 1.3 and Task 1.4 MEP and Structural TLC Engineering Solutions	Project Manager	4.00	\$ 119.82	\$ 479.28		
	Senior Engineer	16.00	\$ 114.10	\$ 1,825.60		
	Engineer	28.00	\$ 86.77	\$ 2,429.56		
	Designer	0.00	\$ 70.03	\$ -		
	CADD	0.00	\$ 52.21	\$ -		
	Clerical	11.00	\$ 52.21	\$ 574.31		
	Principal	4.00	\$ 172.14	\$ 688.56		
Task 1.5 Geotechnical Ardaman & Associates, Inc.	Staff Engineer	2.00	\$ 85.00	\$ 170.00		
	Project Engineer	4.00	\$ 115.00	\$ 460.00		
	Senior Project Engineer	4.00	\$ 140.00	\$ 560.00		
	Principal Engineer	1.00	\$ 180.00	\$ 180.00		
	CADD	3.00	\$ 55.00	\$ 165.00		
	Clerical	1.00	\$ 55.00	\$ 55.00		
	Field Services (Drilling and Testing)				\$ 9,415.00	
Task 1.6 Architectural Consultant Lemay, Erickson, Willcox Architects	Designer	15.00	\$ 140.00	\$ 2,100.00		
	Principal	15.00	\$ 260.00	\$ 3,900.00		
Task 1.6 Sub-Consultant Elliott, LeBoeuf & McElwain	Principal	0.00	\$ 220.00	\$ -		
	Project Engineer	0.00	\$ 150.00	\$ -		
	CADD	0.00	\$ 100.00	\$ -		
	Clerical	0.00	\$ 80.00	\$ -		
					Total	\$42,001.31

Martin County Fire Rescue Facility Design
Fee Breakdown
Exhibit "B"

Part 2 - Site Planning & Schematic Design

Discipline	Job Title	Man-Hours	Rates \$	Amounts \$	Additional \$	Totals \$
Task 2.1 <u>Architectural</u> REG Architects, Inc.	Principal Architect	5.00	\$ 225.00	\$ 1,125.00		
	Senior Project Manager	21.00	\$ 165.00	\$ 3,465.00		
	Project Manager	7.00	\$ 150.00	\$ 1,050.00		
	CAD/BIM	30.00	\$ 100.00	\$ 3,000.00		
	Associate Architect	4.00	\$ 210.00	\$ 840.00		
	Interior Design	0.00	\$ 125.00	\$ -		
	Construction Administrator	0.00	\$ 120.00	\$ -		
	Graphic	0.00	\$ 100.00	\$ -		
	Administration	8.00	\$ 65.00	\$ 520.00		
						\$10,000.00
Task 2.2 <u>Civil</u> Engenuity Group, Inc.	Corporate Officer	4.00	\$ 198.00	\$ 792.00		
	Department Director	14.00	\$ 176.00	\$ 2,464.00		
	Project Manager	39.00	\$ 122.00	\$ 4,758.00		
	Project Engineer	0.00	\$ 115.00	\$ -		
	Senior Administration	0.00	\$ 66.00	\$ -		
	Sr. Prof. Land Surveyor	0.00	\$ 122.00	\$ -		
	Project Lnd Surveyor	0.00	\$ 108.00	\$ -		
	CADD Technician	0.00	\$ 100.00	\$ -		
	2-Man Survey Crew	0.00	\$ 131.00	\$ -		
						\$8,014.00
Task 2.3 and Task 2.4 <u>MEP and Structural</u> TLC Engineering Solutions	Project Manager	6.00	\$ 119.82	\$ 718.92		
	Senior Engineer	11.00	\$ 114.10	\$ 1,255.10		
	Engineer	20.00	\$ 86.77	\$ 1,735.40		
	Designer	16.00	\$ 70.03	\$ 1,120.48		
	CADD	22.00	\$ 52.21	\$ 1,148.62		
	Clerical	13.00	\$ 52.21	\$ 678.73		
	Principal	2.00	\$ 172.14	\$ 344.28		
						\$7,001.53
Task 2.5 <u>Geotechnical</u> Ardaman & Associates, Inc.	Staff Engineer	0.00	\$ 85.00	\$ -		
	Project Engineer	0.00	\$ 115.00	\$ -		
	Senior Project Engineer	0.00	\$ 140.00	\$ -		
	Principal Engineer	0.00	\$ 180.00	\$ -		
	CADD	0.00	\$ 55.00	\$ -		
	Clerical	0.00	\$ 55.00	\$ -		
						\$0.00
Task 2.6 <u>Architectural Consultant</u> Lemay, Erickson, Willcox Architects	Designer	91.00	\$ 140.00	\$ 12,740.00		
	Principal	51.00	\$ 260.00	\$ 13,260.00		
						\$26,000.00
Task 2.7 <u>Sub-Consultant</u> Elliott, LeBoeuf & McElwain	Principal	34.00	\$ 220.00	\$ 7,480.00		
	Project Engineer	36.00	\$ 150.00	\$ 5,400.00		
	CADD	4.00	\$ 100.00	\$ 400.00		
	Clerical	2.00	\$ 80.00	\$ 160.00		
	Expenses				\$ 554.40	
						\$13,994.40
					Total	\$65,009.93

<p align="center"> Martin County Fire Rescue Facility Design Fee Breakdown Exhibit "B" </p>
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Part 3 - Design Development

Discipline	Job Title	Man-Hours	Rates \$	Amounts \$	Additional \$	Totals \$
Task 3.1 <u>Architectural</u> REG Architects, Inc.	Principal Architect	20.00	\$ 225.00	\$ 4,500.00		
	Senior Project Manager	93.00	\$ 165.00	\$ 15,345.00		
	Project Manager	66.00	\$ 150.00	\$ 9,900.00		
	CAD/BIM	176.00	\$ 100.00	\$ 17,600.00		
	Associate Architect	0.00	\$ 210.00	\$ -		
	Interior Design	8.00	\$ 125.00	\$ 1,000.00		
	Construction Administrator	0.00	\$ 120.00	\$ -		
	Graphic	8.00	\$ 100.00	\$ 800.00		
	Administration	13.00	\$ 65.00	\$ 845.00		
						\$49,990.00
Task 3.2 <u>Civil</u> Engenuity Group, Inc.	Corporate Officer	8.00	\$ 198.00	\$ 1,584.00		
	Department Director	63.00	\$ 176.00	\$ 11,088.00		
	Project Manager	0.00	\$ 122.00	\$ -		
	Project Engineer	3.00	\$ 115.00	\$ 345.00		
	Senior Administration	0.00	\$ 66.00	\$ -		
	Sr. Prof. Land Surveyor	0.00	\$ 122.00	\$ -		
	Project Land Surveyor	0.00	\$ 108.00	\$ -		
	CADD Technician	0.00	\$ 100.00	\$ -		
	2 Man Crew	0.00	\$ 131.00	\$ -		
						\$13,017.00
Task 3.3 and Task 3.4 <u>MEP and Structural</u> TLC Engineering Solutions	Project Manager	10.00	\$ 119.82	\$ 1,198.20		
	Senior Engineer	17.00	\$ 114.10	\$ 1,939.70		
	Engineer	29.00	\$ 86.77	\$ 2,516.33		
	Designer	32.00	\$ 70.03	\$ 2,240.96		
	CADD	31.00	\$ 52.21	\$ 1,618.51		
	Clerical	12.00	\$ 52.21	\$ 626.52		
	Principal	5.00	\$ 172.14	\$ 860.70		
						\$11,000.92
Task 3.5 <u>Geotechnical</u> Ardaman & Associates, Inc.	Staff Engineer	0.00	\$ 85.00	\$ -		
	Project Engineer	0.00	\$ 115.00	\$ -		
	Senior Project Engineer	0.00	\$ 140.00	\$ -		
	Principal Engineer	0.00	\$ 180.00	\$ -		
	CADD	0.00	\$ 55.00	\$ -		
	Clerical	0.00	\$ 55.00	\$ -		
						\$0.00
Task 3.6 <u>Architectural Consultant</u> Lemay, Erickson, Willcox Architects	Designer	91.00	\$ 140.00	\$ 12,740.00		
	Principal	51.00	\$ 260.00	\$ 13,260.00		
						\$26,000.00
Task 3.7 <u>Sub-Consultant</u> Elliott, LeBoeuf & McElwain	Principal	20.00	\$ 220.00	\$ 4,400.00		
	Project Engineer	115.00	\$ 150.00	\$ 17,250.00		
	CADD	80.00	\$ 100.00	\$ 8,000.00		
	Clerical	3.00	\$ 80.00	\$ 240.00		
	Expenses				\$ 1,108.80	
						\$30,998.80
					Total	\$131,006.72

Part 4 -Permitting

Discipline	Job Title	Man-Hours	Rates \$	Amounts \$	Additional \$	Totals \$
Task 4.1 <u>Architectural</u> REG Architects, Inc.	Principal Architect	3.00	\$ 225.00	\$ 675.00		
	Senior Project Manager	6.00	\$ 165.00	\$ 990.00		
	Project Manager	13.00	\$ 150.00	\$ 1,950.00		
	CAD/BIM	33.00	\$ 100.00	\$ 3,300.00		
	Associate Architect	2.00	\$ 210.00	\$ 420.00		
	Interior Design	2.00	\$ 125.00	\$ 250.00		
	Construction Administrator	19.00	\$ 120.00	\$ 2,280.00		
	Graphic	0.00	\$ 100.00	\$ -		
	Administration	2.00	\$ 65.00	\$ 130.00		
						\$9,995.00
Task 4.2 <u>Civil</u> Engenuity Group, Inc.	Corporate Officer	2.00	\$ 198.00	\$ 396.00		
	Department Director	12.00	\$ 176.00	\$ 2,112.00		
	Project Manager	14.00	\$ 122.00	\$ 1,708.00		
	Project Engineer	26.00	\$ 115.00	\$ 2,990.00		
	Senior Administration	13.00	\$ 66.00	\$ 858.00		
	Sr. Prof. Land Surveyor	0.00	\$ 122.00	\$ -		
	Project Land Surveyor	0.00	\$ 108.00	\$ -		
	CADD Technician	0.00	\$ 100.00	\$ -		
	2 Man Survey Crew	0.00	\$ 131.00	\$ -		
	Expenses				\$ 4,921.00	
						\$12,985.00
Task 4.3 <u>MEP and Structural</u> TLC Engineering Solutions	Project Manager	5.00	\$ 119.82	\$ 599.10		
	Senior Engineer	13.00	\$ 114.10	\$ 1,483.30		
	Engineer	12.00	\$ 86.77	\$ 1,041.24		
	Designer	16.00	\$ 70.03	\$ 1,120.48		
	CADD	4.00	\$ 52.21	\$ 208.84		
	Clerical	4.00	\$ 52.21	\$ 208.84		
	Principal	2.00	\$ 172.14	\$ 344.28		
						\$5,006.08
Task 4.4 <u>Geotechnical</u> Ardaman & Associates, Inc.	Staff Engineer	0.00	\$ 85.00	\$ -		
	Project Engineer	0.00	\$ 115.00	\$ -		
	Senior Project Engineer	0.00	\$ 140.00	\$ -		
	Principal Engineer	0.00	\$ 180.00	\$ -		
	CADD	0.00	\$ 55.00	\$ -		
	Clerical	0.00	\$ 55.00	\$ -		
						\$0.00
Task 4.5 <u>Architectural Consultant</u> Lemay, Erickson, Willcox Architects	Designer	0.00	\$ 140.00	\$ -		
	Principal	0.00	\$ 260.00	\$ -		
	Expenses				\$ 2,000.00	
						\$2,000.00
Task 4.6 <u>Sub-Consultant</u> Elliott, LeBoeuf & McElwain	Principal	0.00	\$ 220.00	\$ -		
	Project Engineer	0.00	\$ 150.00	\$ -		
	CADD	0.00	\$ 100.00	\$ -		
	Clerical	0.00	\$ 80.00	\$ -		
						\$0.00
					Total	\$29,986.08

**Martin County Fire Rescue Facility Design
Fee Breakdown
Exhibit "B"**

Part 5 - Construction Documents

Discipline	Job Title	Man-Hours	Rates \$	Amounts \$	Additional \$	Totals \$
Task 5.1 <u>Architectural</u> REG Architects, Inc.	Principal Architect	36.00	\$ 225.00	\$ 8,100.00		
	Senior Project Manager	125.00	\$ 165.00	\$ 20,625.00		
	Project Manager	171.00	\$ 150.00	\$ 25,650.00		
	CAD/BIM	392.00	\$ 100.00	\$ 39,200.00		
	Associate Architect	10.00	\$ 210.00	\$ 2,100.00		
	Interior Design	20.00	\$ 125.00	\$ 2,500.00		
	Construction Administrator	0.00	\$ 120.00	\$ -		
	Graphic	0.00	\$ 100.00	\$ -		
	Administration	28.00	\$ 65.00	\$ 1,820.00		
						\$99,995.00
Task 5.2 <u>Civil</u> Engenuity Group, Inc.	Corporate Officer	4.00	\$ 198.00	\$ 792.00		
	Department Director	6.00	\$ 176.00	\$ 1,056.00		
	Project Manager	100.00	\$ 122.00	\$ 12,200.00		
	Project Engineer	104.00	\$ 115.00	\$ 11,960.00		
	Senior Administration	0.00	\$ 66.00	\$ -		
	Sr. Prof. Land Surveyor	0.00	\$ 122.00	\$ -		
	Project Land Surveyor	0.00	\$ 108.00	\$ -		
	CADD Technician	0.00	\$ 100.00	\$ -		
	2-Man Survey Crew	0.00	\$ 131.00	\$ -		
						\$26,008.00
Task 5.3 and Task 5.4 <u>MEP and Structural</u> TLC Engineering Solutions	Project Manager	39.00	\$ 119.82	\$ 4,672.98		
	Senior Engineer	100.00	\$ 114.10	\$ 11,410.00		
	Engineer	146.00	\$ 86.77	\$ 12,668.42		
	Designer	100.00	\$ 70.03	\$ 7,003.00		
	CADD	96.00	\$ 52.21	\$ 5,012.16		
	Clerical	35.00	\$ 52.21	\$ 1,827.35		
	Principal	14.00	\$ 172.14	\$ 2,409.96		
						\$45,003.87
Task 5.5 <u>Geotechnical</u> Ardaman & Associates, Inc.	Staff Engineer	0.00	\$ 85.00	\$ -		
	Project Engineer	0.00	\$ 115.00	\$ -		
	Senior Project Engineer	0.00	\$ 140.00	\$ -		
	Principal Engineer	0.00	\$ 180.00	\$ -		
	CADD	0.00	\$ 55.00	\$ -		
	Clerical	0.00	\$ 55.00	\$ -		
						\$0.00
Task 5.6 <u>Architectural Consultant</u> Lemay, Erickson, Willcox Architects	Designer	9.00	\$ 140.00	\$ 1,260.00		
	Principal	7.00	\$ 260.00	\$ 1,820.00		
	Expenses				\$ 4,920.00	
						\$8,000.00
Task 5.7 <u>Sub-Consultant</u> Elliott, LeBoeuf & McElwain	Principal	40.00	\$ 220.00	\$ 8,800.00		
	Project Engineer	150.00	\$ 150.00	\$ 22,500.00		
	CADD	185.00	\$ 100.00	\$ 18,500.00		
	Clerical	5.00	\$ 80.00	\$ 400.00		
	Expenses				\$ 1,800.00	
						\$52,000.00
					Total	\$231,006.87

Martin County Fire Rescue Facility Design
Summary of Fees
REG # 19017
July 12, 2019/Revised Aug. 5, 2019/Revised Sept. 25, 2019

Task I

A. Basic Services: Design thru Permitting

	SUMMARY	Arch-Lead REG Architects	Civil/Survey Engenuity	Struct/MEPF TLC	Geotech Ardaman	Classroom Lemay Erickson	Burn/Tower Elliot LeBoeuf	Totals
Part 1	Information Gathering	\$ 5,000.00	\$14,000.00	\$ 6,000.00	\$11,000.00	\$ 6,000.00	\$ 0.00	\$ 42,000.00
Part 2	Schematic Design	\$ 10,000.00	\$ 8,000.00	\$ 7,000.00	\$ 0.00	\$26,000.00	\$14,000.00	\$ 65,000.00
Part 3	Design Development	\$ 50,000.00	\$13,000.00	\$ 11,000.00	\$ 0.00	\$26,000.00	\$31,000.00	\$131,000.00
Part 4	Permitting	\$ 10,000.00	\$13,000.00	\$ 5,000.00	\$ 0.00	\$ 2,000.00	\$ 0.00	\$ 30,000.00
Part 5	Construction Documents	\$100,000.00	\$26,000.00	\$45,000.00	\$ 0.00	\$ 8,000.00	\$52,000.00	\$231,000.00
	Fees by Discipline	\$175,00.00	\$74,000.00	\$74,000.00	\$11,000.00	\$68,000.00	\$97,000.00	\$499,000.00

Task II

B. Construction Administration/Bidding

	SUMMARY	Arch-Lead REG Architects	Civil/Survey Engenuity	Struct/MEPF OINM&J/RGD	Geotech Ardaman	Classroom Lemay Erickson	Burn/Tower Elliot LeBoeuf	Totals
	CA and Bidding	\$ 30,000.00*	\$ 14,000.00	\$ 15,000.00	\$ 0.00	\$ 2,000.00	\$ 17,000.00	\$ 78,000.00

TOTAL:	\$205,000.00 REG	\$ 88,000.00 Engenuity	\$ 89,000.00 TLC	\$11,000.00 Ardaman	\$ 70,000.00 Lemay/Erickson	\$114,000.00 Elliot LeBoeuf	\$577,000.00
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*CA services to be billed on an hourly basis. If at any point during the course of the construction, the billed hours approach the \$30,000 threshold amount, REG will submit a Change Order to the Contract for an additional amount.

Tg:\1_new projects\19017 martin county fire rescue facility\07_administrative\02_contracts\01_client\resubmittal sept. 17, 2019\summary of fees revised 9-17-19.docxask III-C. Optional Services: Interior/Landscape Architecture and Irrigation: Can be quoted at a future date.