

TASK ORDER APPROVAL FORM

CONTRACT #: C25-4110-PW Department(s) #

TASK ORDER #: 1 Account(s) #

TASK ORDER AMOUNT: \$ 71,433.62

Funding Source(s) County/Grant Agency FDOT LAP

Grant Funded? Grant Title/number: FPN: 440723-1-68-01

OFFERED BY CONSULTANT:

Halff Associates

FIRM'S NAME

Douglas Pritchard

REPRESENTATIVE'S PRINTED NAME

Douglas S Pritchard

Digitally signed by Douglas S Pritchard
DN: cn=US, o=Halff Associates Inc, cn=Douglas S Pritchard,
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SIGNATURE

Project Administrator

4/28/2025

TITLE

DATE

RECOMMENDED FOR APPROVAL (Department Director)

**Scott
Bitterman**

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Scott Bitterman
Date: 2025.05.14
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SIGNATURE

TITLE

DATE

APPROVED BY OKALOOSA COUNTY (Per Purchasing Manual) Table 1

DeRita Mason

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Mason
Date: 2025.05.15 06:13:34
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PURCHASING MANAGER

DATE

Handwritten signature

OMB Director/DATE

05/16/2025

DATE

COUNTY ADMINISTRATOR (if applicable)

DATE

CHAIRMAN (if applicable)

DATE

Task Order Scope of Services

Scope Statement and Objective

This scope of services is for Halff Associates, Inc. to provide construction engineering, inspection, integration, and construction contract administration services to Okaloosa County related to the 5' sidewalk along the north side of Pocahontas Avenue/South Avenue from James Lee Road to SR 85 (Eglin Parkway), approximately 5,016 linear feet. These services will be provided for all construction related activities taking place prior to, during, and after construction. A detailed description of the scope of services including items to be furnished by the County to the Consultant, items to be furnished by the Consultant, and the requirements of the Consultant is found in Exhibit B of the Agreement for Consultant Services. Method of compensation shall be man-hour based, limiting amount with a total fee not to exceed \$71,433.62.

EXHIBIT "A"

CONSULTANT RATE SCHEDULE

| CEI Professional Services | |
|-------------------------------------------|--------------------------|
| Classification | Fully Loaded Hourly Rate |
| Halff Associates, Inc. | |
| CEI Assistant Contract Support Specialist | \$ 90.25 |
| CEI Contract Support Specialist | \$ 100.92 |
| CEI Inspector | \$ 72.64 |
| CEI Project Admin/CEI Project Engineer | \$ 157.99 |
| CEI Resident Compliance Specialist | \$ 90.25 |
| CEI Senior Inspector | \$ 91.69 |
| CEI Senior ITS Inspector | \$ 76.41 |
| CEI Senior Project Engineer | \$ 238.46 |
| Quest Corporation of America, Inc. | |
| CEI Resident Compliance Specialist | \$ 68.37 |

EXHIBIT "B"

**CONSTRUCTION ENGINEERING AND INSPECTION
SCOPE OF SERVICES**

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SCOPE OF SERVICES
CONSTRUCTION ENGINEERING AND INSPECTION

1.0 PURPOSE:

This scope of services describes and defines the Construction Engineering and Inspection (CEI) services which are required for contract administration, inspection, and materials sampling and testing for the construction projects listed below.

2.0 SCOPE:

Provide services as defined in this Scope of Services, the referenced Department manuals, and procedures.

The projects for which the services are required are those funded by FDOT through its Local Agency Program (LAP) and will be assigned via Task Order issued under the contract.

Exercise independent professional judgment in performing obligations and responsibilities under this Agreement. Pursuant to Section 4.1.4 of the Construction Project Administration Manual (CPAM), the authority of the Consultant's lead person, such as the Senior Project Engineer, and the Consultant's Project Administrator shall be identical to the Department's Resident Engineer and Project Administrator respectively and shall be interpreted as such.

Services provided by the Consultant shall comply with Department manuals, procedures, and memorandums in effect as of the date of execution of the Agreement unless otherwise directed in writing by the Department. Such Department manuals, procedures, and memorandums are found at the State Construction Office's website.

On a single Construction Contract, it is a conflict of interest for a professional firm to receive compensation from both the Okaloosa and the Contractor either directly or indirectly.

3.0 LENGTH OF SERVICE:

The services for the Construction Contract shall begin upon written notification to proceed by the Okaloosa County.

Track the execution of the Construction Contract such that the Consultant is given timely authorization to begin work. While no personnel shall be assigned until written notification by the Okaloosa County has been issued, the Consultant shall be ready to assign personnel within two weeks of notification. For the duration of the project, coordinate closely with Okaloosa County and Contractor to minimize rescheduling of Consultant activities due to construction delays or changes in scheduling of Contractor activities.

For estimating purposes, the Consultant will be allowed an accumulation of thirty (30) calendar days to perform preliminary administrative services prior to the issuance of the Contractor's notice to proceed and thirty (30) calendar days after substantial completion and final acceptance of project.

The anticipated letting schedules and construction times for the projects are tabulated below:

| Construction Contract Estimate | | |
|--------------------------------|--------------|-----------------|
| Financial Project ID | Letting Date | Duration (Days) |
| TBD | TBD | TBD |

4.0 **DEFINITIONS:**

- A. **Agreement:** The Professional Services Agreement between Okaloosa County and the Consultant setting forth the obligations of the parties thereto, including but not limited to the performance of the work, furnishing of services, and the basis of payment.
- B. **Contractor:** The individual, firm, or company contracting with Okaloosa County for performance of work or furnishing of materials.
- C. **Construction Contract:** The written agreement between Owner and the Contractor setting forth the obligations of the parties thereto, including but not limited to the performance of the work, furnishing of labor and materials, and the basis of payment.
- D. **Construction Project Manager:** Okaloosa County Public Works Department Director or his designee assigned to manage the Construction Engineering and Inspection Contract and represent Okaloosa County during the performance of the services covered under this Agreement.
- E. **Construction Training/Qualification Program (CTQP):** The Department program for training and qualifying technicians in Aggregates, Asphalt, Concrete, Earthwork, and Final Estimates Administration. Program information is available at CTQP website.
- F. **Consultant:** The Consulting firm under contract to Okaloosa County for administration of Construction Engineering and Inspection services.
- G. **CEI Project Administrator/Project Engineer:** The employee assigned by the Consultant to be in charge of providing Construction Contract administration services for one or more Construction Projects.
- H. **CEI Resident Compliance Specialist:** The employee assigned by the Consultant to oversee project specific compliance functions.
- I. **CEI Senior Project Engineer:** The Engineer assigned by the Consultant to be in charge of providing Construction Contract administration for one or more Construction Projects. This person may supervise other Consultant employees and act as the lead Engineer for the Consultant.
- J. **Department:** The Florida Department of Transportation.
- K. **Owner:** The Okaloosa Board of County Commissioners.
- L. **Engineer of Record:** The Engineer noted on the Construction plans as the responsible person for the design and preparation of the plans.
- M. **Operations Engineer:** The Engineer assigned to a particular County or area to administer Construction and Maintenance Contracts for the Department.
- N. **Resident Engineer:** The Local Agency's Engineer assigned to administer Construction Contracts.

5.0 **ITEMS TO BE FURNISHED BY OKALOOSA COUNTY TO THE CONSULTANT:**

- A. Okaloosa County, on an as needed basis, will furnish the following Construction Contract documents for each project. These documents may be provided in either paper or electronic format.

1. Construction Plans,
2. Specification Package,
3. Copy of the Executed Construction Contract. And
4. Utility Agency's Specifications and Materials List (if applicable)

6.0 ITEMS FURNISHED BY THE CONSULTANT:

6.1 Department Documents:

All applicable Department documents referenced herein shall be a condition of this Agreement. All Department documents, directives, procedures, and standard forms are available through the Department's Internet website. Most items can be purchased through the following address. All others can be acquired through the District Office or on-line at the Department's website.

Florida Department of Transportation
Maps and Publication Sales
605 Suwannee Street, MS 12
Tallahassee, Florida 32399-0450
Telephone No. (850) 414-4050

<http://www.fdot.gov/construction/>

6.2 Office Automation:

Provide all software and hardware necessary to efficiently and effectively carry out the responsibilities under this Agreement including Citric connection to GAP.

6.3 Vehicles:

Vehicles will be equipped with appropriate safety equipment and must be able to effectively carry out requirements of this Agreement. Vehicles shall have the name and phone number of the consulting firm visibly displayed on both sides of the vehicle.

6.4 Field Equipment:

- A. Supply survey, inspection, and testing equipment essential to perform services under this Agreement; such equipment includes non-consumable and non-expendable items.
- B. Hard hats shall have the name of the consulting firm visibly displayed.
- C. Equipment described herein and expendable materials under this Agreement will remain the property of the Consultant and shall be removed at completion of the work.
- D. Handling of nuclear density gauges shall be in compliance with their license.
- E. Retain responsibility for risk of loss or damage to said equipment during performance of this Agreement. Field office equipment shall be maintained and in operational condition at all times.

6.5 Licensing for Equipment Operations:

Obtain proper licenses for equipment and personnel operating equipment when licenses are required. The license and supporting documents shall be available for verification by the Department, upon request.

Radioactive Materials License for use of Surface Moisture Density Gauges shall be obtained through the State of Florida Department of Health.

7.0 LIAISON RESPONSIBILITY OF THE CONSULTANT:

For the duration of the Agreement, keep Okaloosa County's Construction Project Manager in Responsible Charge informed of all significant activities, decisions, correspondence, reports, and other communications related to its responsibilities under this Agreement.

Facilitate communications between all parties (i.e. architectural, mechanical, materials, landscaping, local agencies, etc.) ensuring responses and resolutions are provided in a timely manner. Maintain accurate records to document the communication process.

Inform the designated Owner project personnel of any design defects, reported by the contractor or observed by the consultant.

Submit all administrative items relating to Invoice Approval, Personnel Approval, User IDs, Time Extensions, and Supplemental Amendments (Modifications or Change Orders) to the Construction Project Manager for review and approval.

8.0 PERFORMANCE OF THE CONSULTANT:

During the term of this Agreement and all Supplemental Amendments or Modifications thereof, Okaloosa County will review various phases of Consultant operations, such as construction inspection, materials sampling and testing, and administrative activities, to determine compliance with this Agreement. Cooperate and assist Owner representatives in conducting the reviews. If deficiencies are indicated, remedial action shall be implemented immediately. Owner recommendations and Consultant responses/actions are to be properly documented by the Consultant. No additional compensation shall be allowed for remedial action taken by the Consultant to correct deficiencies. Remedial actions and required response times may include but are not necessarily limited to the following:

- A. Further subdivide assigned inspection responsibilities, reassign inspection personnel, or assign additional inspection personnel, within one week of notification.
- B. Immediately replace personnel whose performance has been determined by the Consultant and/or Okaloosa County to be inadequate.
- C. Immediately increase the frequency of monitoring and inspection activities in phases of work that are the Consultant's responsibility.
- D. Increase the scope and frequency of training of the Consultant personnel.

9.0 REQUIREMENTS OF THE CONSULTANT:

9.1 General:

It shall be the responsibility of the Consultant to administer, monitor, and inspect the Construction Contract such that the project is constructed in reasonable conformity with the plans, specifications, and special provisions for the Construction Contract.

Observe the Contractor's work to determine the progress and quality of work. Identify discrepancies, report significant discrepancies to Okaloosa County, and direct the Contractor to correct such observed discrepancies.

Review and negotiate Supplemental Agreements (aka Change Orders). Seek input from the Construction Project Manager relating to all Supplemental Agreement (Change Order) requests. Prepare the Supplemental Agreement (Change Order) as a recommendation to Okaloosa County, which Okaloosa County may accept, modify or reject upon review.

Inform the designated Okaloosa project personnel of any significant omissions, substitutions, defects, and deficiencies noted in the work of the Contractor and the corrective action that has been directed to be performed by the Contractor.

9.2 Survey Control:

The Consultant shall check or establish the survey control baseline(s) along with sufficient baseline control points and bench marks at appropriate intervals along the project in order for the Consultant to: (1) make and record measurements necessary to calculate and document quantities for pay items, (2) make and record pre-construction and final cross section surveys of the project site in those areas where earthwork (i.e., embankment, excavation, subsoil excavation, etc.) is part of the construction project, and (3) perform incidental engineering surveys.

Provide survey data in LandXML format.

Any questions or requests for "Waiver of Survey" should be directed to the Owner.

9.3 On-site Inspection:

Monitor the Contractor's on-site construction activities and inspect materials entering into the work in accordance with the plans, specifications, and special provisions for the Construction Contract to determine that the projects are constructed in reasonable conformity with such documents. Maintain detailed accurate records of the Contractor's daily operations and of significant events that affect the work. The Department will monitor off-site activities and fabrication unless otherwise stipulated by this Agreement.

Monitor and inspect Contractor's Work Zone Traffic Control Plan and review modifications to the Work Zone Traffic Control Plan, including Alternate Work Zone Traffic Control Plan, in accordance with the Department's procedures. Consultant employees performing such services shall be qualified in accordance with the Department's procedures.

9.4 Sampling and Testing:

Perform sampling and testing of component materials and completed work in accordance with the Construction Contract documents. The minimum sampling frequencies set out in the Department's Materials Sampling, Testing and Reporting Guide shall be met. In complying with the aforementioned guide, provide daily surveillance of the Contractor's Quality Control activities and perform the sampling and testing of materials and completed work items for verification and acceptance.

The FDOT will perform inspection and sampling of materials and components at locations remote from the project site and the FDOT will perform testing of materials normally done in a laboratory remote from the project site.

Determine the acceptability of all materials and completed work items on the basis of either test

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results or verification of a certification, certified mill analysis, DOT label, DOT stamp, FDOT Approved Products list (APL), etc.

Okaloosa County will monitor the effectiveness of the Consultant's testing procedures through observation and independent assurance testing.

Sampling, testing and laboratory methods shall be as required by the Department's Standard Specifications, Supplemental Specifications or as modified by the Special Provisions of the Construction Contract.

Documentation reports on sampling and testing performed by the Consultant shall be submitted during the same week that the construction work is done.

Transport samples to be tested in an Owner or Department laboratory to the appropriate laboratory or appropriate local FDOT facility.

9.5 Engineering Services:

Coordinate the Construction Contract administration activities of all parties other than the Contractor involved in completing the construction project. Notwithstanding the above, the Consultant is not liable to Okaloosa County for failure of such parties to follow written direction issued by the Consultant.

Services shall include maintaining the required level of surveillance of Contractor activities, interpreting plans, specifications, and special provisions for the Construction Contract. Maintain complete, accurate records of all activities and events relating to the project and properly document all project changes. The following services shall be performed:

- (1) Attend a pre-service meeting for the Agreement in accordance with CPAM. Provide appropriate staff to attend and participate in the pre-service meeting.
- (2) Schedule and attend a meeting with the District Contract Compliance Manager prior to the Pre-construction Conference. The Resident Compliance Specialist shall attend this meeting.

In most cases, the above will take two separate meetings based on experience and knowledge of the particular firm.

- (3) Provide personnel proficient in the use of computers and scanner operation to input construction documents into GAP.
- (4) Schedule and conduct a meeting with Okaloosa County prior to the Pre-construction conference and another meeting prior to project final acceptance. The purpose of these meetings is to discuss the required documentation, including as-builts, necessary for permit(s) compliance.
- (5) Verify that the Contractor is conducting inspections, preparing reports and monitoring all storm water pollution prevention measures associated with the project. For each project that requires the use of the NPDES General Permit, provide at least one inspector who has successfully completed the "Florida Stormwater, Erosion, and Sedimentation Control Training and Certification Program for Inspectors and Contractors". The Consultant's inspector will be familiar with the requirements set forth in the FEDERAL REGISTER, Vol. 57, No. 187, Friday, September 5, 1992, pages 4412 to 4435 "Final NPDES General Permits for Storm Water Discharges from Construction Sites" and the Department's guidelines.

- (6) Analyze the Contractor's schedule(s) (i.e. baseline(s), revised baseline(s), updates, as-built, etc.) for compliance with the contract documents. Elements including, but not limited to, completeness, logic, durations, activity, flow, milestone dates, concurrency, resource allotment, and delays will be reviewed. Verify the schedule conforms with the construction phasing and MOT sequences, including all contract modifications. Provide a written review of the schedule identifying significant omissions, improbable or unreasonable activity durations, errors in logic, and any other concerns as detailed in CPAM.
- (7) Analyze problems that arise on a project and proposals submitted by the Contractor; work to resolve such issues, and process the necessary paperwork.
- (8) Monitor, inspect and document utility relocation self-performed by the contractor for conformance with Utility Agency's Standards and the Utility Agency's Approved Materials List. Document utility construction progress to be performed by Utility Agencies. Facilitate coordination and communication between Utility Agency's representatives, Owner's staff and Contractors executing the work. Identify potential utility conflicts and assist in the resolution of utility issues including Owner and Local Government owned facilities.

Identify, review, and track progress of Joint Project Agreements, and/or other Owner and utility agreements. Address work progress, track reimbursement activities, and address betterment and salvage determination. Prepare all necessary documentation to support reimbursement activities and betterment and salvage determination.
- (9) Produce reports, verify quantity calculations and field measure for payment purposes as needed to prevent delays in Contractor operations and to facilitate prompt processing of such information in order for Okaloosa County to make timely payment to the Contractor.
- (10) Prepare and make presentations for meetings and hearings concerning disputes in connection with the project covered by this Agreement.
- (11) Monitor each Contractor and Subcontractor's compliance with specifications and special provisions of the Construction Contract in regard to payment of predetermined wage rates in accordance with Department procedures.
- (12) Provide a Resident Compliance Specialist for surveillance of the Contractor's compliance with Construction Contract requirements. The Resident Compliance Specialist is responsible for reviewing, monitoring, evaluating and acting upon documentation required for Construction Contract compliance, and maintaining the appropriate files thereof. Typical areas of compliance responsibility include EEO Affirmative Actions for the prime contractor and subcontractor, DBE Affirmative Action, Contractor Formal Training, Payroll, and Subcontracts. The Resident Compliance Specialist must keep all related documents and correspondence accurate and up to date; attend all compliance reviews and furnish the complete project files for review; and assist the District Contract Compliance Manager as requested.
- (13) Okaloosa County will provide Public Information Services.
- (14) Prepare and submit to the Construction Project Manager monthly, a Construction Status Reporting System (CSRS) report, in a format approved by Okaloosa County.

- (15) Video tape the pre-construction conditions throughout the project limits. Provide a digital photo log or video of project activities, with heavy emphasis on potential claim items/issues and on areas of real/potential public controversy.
- (16) Provide a digital camera for photographic documentation of pre-construction state and of noteworthy incidents or events during construction.

These photographs will be filed and maintained on the Consultant's computer using a digital photographic management system.

Photographs shall be taken the day prior to the start of construction and continue as needed throughout the project. Photographs shall be taken the days of Conditional, Partial and Final Acceptance.

9.6 Geotechnical Engineering:

The prime Consultant may engage the services of a geotechnical subconsultant to perform some of the services indicated in this section. However, the prime Consultant will be responsible to Okaloosa County for the satisfactory performance and timeliness of these services.

The prime Consultant will be required to interact with the Design Engineer of Record (EOR) and any geotechnical subconsultant to the Design EOR. All references to the Design EOR in the following sections implicitly include the Design EOR and his/her delegated representative on the project, who may be the Design EOR office in-house personnel or a subconsultant working for the Design EOR office.

Become familiar with the existing site conditions and the contract documents. Observe and record the progress and quality of foundation work to determine that the foundations are constructed at the correct locations and elevations, identify discrepancies, and direct the Contractor to correct such observed discrepancies. Attend the Preconstruction Conference and/or special geotechnical meeting for the Construction Contract. All services under this section will be performed in accordance to FDOT Specification Section 455. Inspect and verify that the Contractor has performed the foundation work in accordance with applicable FDOT Specification Section 455 and other contract documents. Provide qualified Geotechnical Engineers and CTQP qualified inspectors in Drilled Shaft/Pile Driving/Auger Cast Pile inspection, relevant to the foundation type(s) required in the plans. Schedule meetings and facilitate communications between the Contractor and any Specialty Contractors, the CEI, and the Design EOR as needed. Observe and verify that all work is performed in accordance with the contract documents. Assure that any specialty work is completed as necessary to accomplish its intent.

The following geotechnical engineering services shall be performed:

1) Drilled Shafts:

- Process and review the Drilled Shaft Installation Plan in accordance with CPAM.
- Schedule a pre-drilled shaft installation meeting to review and discuss the drilled shaft installation procedures. Make sure that the Contractor's field superintendent, CEI's drilled shaft inspector(s), and the Design EOR are invited. Prepare and distribute meeting minutes to the attendees.

- Inspect installation of test holes (methods shafts), load test shafts, and production shafts and ensure they are constructed in accordance with the plans, specifications, and special provisions for the Construction Contract. Report to the Design EOR any problems observed during the installation of the test holes, deviations from the Drilled Shaft Installation Plan or contract documents, and construction quality issues associated with the Contractor's methods.
- Inspect the bottom of the shafts for cleanliness using manual soundings or shaft inspection device as required in the contract documents.
- Complete all necessary drilled shaft inspection forms and keep a log of all inspections made of the shafts. Observe the performance of any load tests and verify that the details are implemented as planned.
- Provide completed drilled shaft inspection forms for all production and test shaft installations to the Design EOR upon completion of the drilled shaft installation.
- When conditions occur which are different from those indicated on the plans, immediately report them to the Geotechnical Engineer of Record and the Design EOR. Recommend adjustments to the authorized depths as necessary to obtain the shaft capacity to the Design EOR for approval.
- Review the drilled shaft logs and the concrete placement logs to identify possible shaft integrity problems and potential causes. Communicate identified issues to the Design EOR.
- Hire a Specialty Engineer to perform non-destructive integrity testing of drilled shafts as required to estimate shaft uniformity and to detect possible shaft defects. Report results to the Design EOR.
- Evaluate problems encountered during construction, and coordinate with the Design EOR and the Contractor to resolve such problems, including possible withdrawing Drilled Shaft Installation Plan approval.

2) Piles:

- Process and review the Pile Installation Plan in accordance with CPAM.
- Perform preliminary Wave Equation Analyses to assess and provide comments regarding the suitability of hammer driving system(s) included in the Pile Installation Plan. Provide analyses results (estimated blow count ranges for the nominal bearing resistances, installation stresses etc.) to the Design EOR.
- Schedule a pre-pile installation meeting to review and discuss the pile installation procedures. Make sure the Contractor's field superintendent, CEI's pile inspectors, and the Design EOR are invited. Prepare and distribute meeting minutes to the attendees.
- Provide personnel proficient in operation of the PDA or EDC monitoring equipment required for the project, for data collection, interpretation and analysis. Utilize the most current version of equipment and software for dynamic testing and dynamic data analysis.

- Perform dynamic testing per the contract documents during initial driving and re-drives. Submit electronic Pile Driving Analyzer (PDA) and Embedded Data Collector (EDC) files upon completion of the test pile installation.
- Inspect and record the test pile driving process in accordance with CPAM.
- Perform signal matching analysis on test pile data for selected blows, using the latest software version. At a minimum, signal matching analysis shall be performed on initial drive data where required resistance is obtained below the minimum tip elevation and on set-check data (if any). If requested in special circumstances, the end of drive signal matching analysis will be performed in the field upon completion of the drive; otherwise it shall be completed within 24 hours of driving the instrumented pile.
- Analyze the test data and available soils data as required to establish production pile lengths and driving criteria. The analysis must include signal matching analysis and wave equation calibration analysis to determine a pile driving-soil system model that will predict accurately driving resistance with stroke (or pressure) and blows per foot while matching transferred energy and dynamic stresses with the ones measured in the field. Submit preliminary report(s) recommending production pile lengths and driving criteria to the Design EOR for approval. The preliminary report shall include printed & plotted Signal Matching and Wave Equation Analysis outputs, and electronic files (Windows compatible) of all raw data obtained by the PDA and EDC equipment and the signal matching and wave equation analyses.
- Furnish final written letters, signed and sealed, for production pile lengths and the driving criteria in accordance with CPAM. When applicable, include recommendations to determine "firm bearing material".
- Inspect the conditions of the piles prior to installation, including any pile splices.
- Observe and verify that concrete piles were properly supported during storage and handled with appropriate pick-up details per contract documents.
- Inspect the pile driving installation. Complete the FDOT pile driving logs.
- Observe the performance of any static or static load tests and review the details are implemented as planned.
- Evaluate problems encountered during construction and coordinate with the Design EOR and the Contractor to resolve such problems, including possible additional testing and withdrawing the Pile Installation Plan.

3) Spread Footings:

- Observe construction of spread footing foundations and verify that they are founded at the required elevation and on the proper soil/rock material.
- Verify the Construction Plan requirements and the applicable specifications are followed throughout the spread footing construction.
- Evaluate problems encountered during construction and coordinate with the Design EOR and the Contractor to resolve such problems.

4) Auger Cast Piles for Sound Barrier Walls:

- Process and review the Auger Cast Pile Installation Plan in accordance with CPAM.
- Schedule a pre-pile installation meeting to go over the auger cast pile installation procedures. Make sure the Contractor's field superintendent, CEI's auger cast pile inspectors and the Design EOR are invited. Prepare and distribute minutes to the attendees.
- Observe installation of demonstration pile and production piles. Submit the demonstration pile records to the Design EOR. Work with the Design EOR to ensure that the letter of acceptance or recommendations of the production pile installation is issued in accordance with CPAM.
- Inspect and verify the requirements on the Construction Plans and applicable specifications are followed throughout the auger cast pile installation.
- Cast cylinders for grout strength testing in accordance with the specifications
- Complete the FDOT auger cast pile field installation logs and forward them to the Design EOR upon completion of the auger cast pile installation.
- Verify the quality control processes of the Auger Cast Pile Installation Plan are followed during construction.
- Examine the records and evaluate problems encountered during construction and coordinate with the Design EOR and the Contractor to resolve such problems, including possible withdrawing the Auger Cast Pile Installation Plan approval.

10.0 PERSONNEL:

10.1 General Requirements:

Provide qualified personnel necessary to efficiently and effectively carry out its responsibilities under this Agreement. Method of compensation for personnel assigned to this project is outlined in Section 7 of the Agreement for Consultant Services.

10.2 Personnel Qualifications:

Provide competent personnel qualified by experience and education. Submit in writing to the Construction Project Manager the names of personnel proposed for assignment to the project, including a detailed resume for each containing at a minimum: salary, education, and experience. The Consultant Action Request form for personnel approval shall be submitted to the Construction Project Manager at least two weeks prior to the date an individual is to report to work.

Personnel identified in the Consultant technical proposal are to be assigned as proposed and are committed to performing services under this Agreement. Personnel changes will require written approval from Okaloosa County. Staff that has been removed shall be replaced by the Consultant within one week of Owner notification.

Before the project begins, all project staff shall have a working knowledge of the current CPAM and must possess all the necessary qualifications/certifications for fulfilling the duties of the

position they hold. Cross training of the Consultant's project staff is highly recommended to achieve a knowledgeable and versatile project inspection team but shall not be at any additional cost to Okaloosa County and should occur as workload permits. Visit the training page on the State Construction Office website for training dates.

Minimum qualifications for the Consultant personnel are set forth as follows. Exceptions to these minimum qualifications will be considered on an individual basis. However, a Project Administrator working under the supervision and direction of a Senior Project Engineer or an Inspector working under the supervision and direction of a Senior Inspector shall have six months from the date of hire to obtain the necessary qualifications/certifications provided all other requirements for such positions are met and the Consultant submits a training plan detailing when such qualifications/certifications and other training relative to the Department procedures, Specifications and Design Standards will be obtained. The District Construction Engineer or designee will have the final approval authority on such exceptions.

Complex Category Two (CC2) Bridge Structures: Bridge structures that are complex and require advanced designs and construction engineering and inspection. The following structures are classified as CC2 bridge structures:

- Concrete Post-Tensioned Segmental Box Girder (CPTS)
- Concrete Post-Tensioned Continuous Beam (CPTCB)
- Movable Bridges (MB)
- Post-tensioned Substructures (PTS)

CEI SENIOR PROJECT ENGINEER - A Civil Engineering degree and registered in the State of Florida as a Professional Engineer (or if registered in another state, the ability to obtain registration in the State of Florida within six months) and six (6) years of engineering experience [(two (2) years of which are in major road or bridge construction)] or [(five (5) of which are in major bridge construction) - for Complex Bridge Projects with the exception of PTS projects which require two (2) years of major bridge construction], or for non-degreed personnel the aforementioned registration and ten (10) years of engineering experience (two (2) years of which are in major road or bridge construction). Qualifications include the ability to communicate effectively in English (verbally and in writing); direct highly complex and specialized construction engineering administration and inspection program; plans and organizes the work of subordinate and staff members; develops and/or reviews policies, methods, practices, and procedures; and reviews programs for conformance with Department standards. Also must have the following:

QUALIFICATIONS:

Attend the CTQP Quality Control Manager course and pass the examination.

CERTIFICATIONS:

FDOT Advanced MOT

OTHER:

A Master's Degree in Engineering may be substituted for one (1) year engineering experience.

CEI PROJECT ADMINISTRATOR/PROJECT ENGINEER - A Civil Engineering degree plus two (2) years of engineering experience in construction of major road or bridge structures, or for non-degreed personnel eight (8) years of responsible and related engineering experience, two (2) years of

which involved construction of major road or bridge structures with the exception of Complex Category 2 (CC2) bridge structures.

Receives general instructions regarding assignments and is expected to exercise initiative and independent judgment in the solution of work problems. Directs and assigns specific tasks to inspectors and assists in all phases of the construction project. Will be responsible for the progress and final estimates throughout the construction project duration. Must have the following:

QUALIFICATIONS:

CTQP Final Estimates Level II

CERTIFICATIONS:

FDOT Advanced MOT

OTHER:

Attend CTQP Quality Control Manager Course and pass the examination.

A Master's Degree in Engineering may be substituted for one (1) year of engineering experience

CEI CONTRACT SUPPORT SPECIALIST - A High School diploma or equivalent and four (4) years of road & bridge construction engineering inspection (CEI) experience having performed/assisted in project related duties (i.e., Materials Acceptance and Certification (MAC) System, progress and final estimates, EEO compliance, processing Construction Contract changes, etc.) or a Civil Engineering Degree. Should exercise independent judgment in planning work details and making technical decisions related to the office aspects of the project. Should be familiar with the Department's Procedures covering the project related duties as stated above and be proficient in the computer programs necessary to perform these duties. Shall become proficient in Trimble Business Center - Heavy Construction Edition (HCE) or approved surface to surface comparison software and Engineering Menu.

QUALIFICATIONS:

CTQP Final Estimates Level II

CEI RESIDENT COMPLIANCE SPECIALIST- High School Graduate or equivalent with one (1) year of experience as a Resident Compliance Specialist on a construction project or two (2) years of assisting the Resident Compliance Specialist in monitoring the project. Should have prior experience in both State and Federal Aid funded construction projects with FDOT and knowledge of EEO/AA laws and FDOT's DBE and OJT programs. Ability to analyze, collect, evaluate data, and take appropriate action when necessary. Must attend all training workshops or meetings for Resident Compliance Specialists as well as spend time at the District Compliance office as determined necessary.

CEI SENIOR INSPECTOR/SENIOR ENGINEER INTERN - High school graduate or equivalent plus four (4) years of experience in construction inspection, two (2) years of which shall have been in bridge and/or roadway construction inspection with the exception of Complex Category 2 (CC2) bridge structures or a Civil Engineering degree and one (1) year of road & bridge CEI experience with the ability to earn additional required qualifications within one year. (Note: Senior Engineer Intern classification requires one (1) year experience as an Engineer Intern.) Must have supervised two or more inspectors and must have been directly responsible for all inspection requirements related to the construction operations assigned.

Must have the following as required by the scope of work for the project:

QUALIFICATIONS:

CTQP Concrete Field Technician Level I
CTQP Concrete Field Inspector Level II (Bridges)
CTQP Asphalt Roadway Level I
CTQP Asphalt Roadway Level II
CTQP Earthwork Construction Inspection Level I
CTQP Earthwork Construction Inspection Level II
CTQP Pile Driving Inspection
CTQP Drilled Shaft Inspection (required for inspection of all drilled shafts including miscellaneous structures such as sign structures, lighting structures, and traffic signal structures)
IMSA Traffic Signal Inspector Level I
CTQP Final Estimates Level I

CERTIFICATIONS:

FDOT Intermediate MOT
Nuclear Radiation Safety
IMSA Traffic Signal Inspector Level I

Responsible for performing highly complex technical assignments in field surveying and construction layout, making, and checking engineering computations, inspecting construction work, and conducting field tests and is responsible for coordinating and managing the lower level inspectors. Work is performed under the general supervision of the Project Administrator.

CEI INSPECTOR/ENGINEER INTERN - High school graduate or equivalent plus two (2) years experience in construction inspection, one (1) year of which shall have been in bridge and/or roadway construction inspection, or an Engineer Intern with a Civil Engineering degree (requires certificate) having the ability to earn the required qualifications and certifications within one year, plus demonstrated knowledge in the following:

Must have the following as required by the scope of work of the project:

QUALIFICATIONS:

CTQP Concrete Field Inspector Level I
CTQP Asphalt Roadway Level I
CTQP Earthwork Construction Inspection Level I
CTQP Pile Driving Inspection
CTQP Drilled Shaft Inspection (required for inspection of all drilled shafts including miscellaneous structures such as sign structures, lighting structures, and traffic signal structures)
IMSA Traffic Signal Inspector Level I
CTQP Final Estimates Level I

CERTIFICATIONS:

FDOT Intermediate MOT
Nuclear Radiation Safety
IMSA Traffic Signal Inspector Level I
Florida Stormwater, Erosion, and Sedimentation Control Training and Certification Program for Inspectors and Contractors

Responsible for performing assignments in assisting Senior Inspector in the performance of their duties. Receive general supervision from the Senior Inspector who reviews work while in progress.

CEI SURVEY PARTY CHIEF - High School graduate plus four years of experience in construction surveying (including two (2) years as Party Chief). Experienced in field engineering and construction layout, making and checking survey computations and supervising a survey party. Work is performed under general supervision of Resident Engineer.

CEI INSTRUMENT MAN - High school graduate plus three (3) years of experience in construction surveying one (1) year of which shall have been as instrument-man. Responsible for performing assignments in assisting Party Chief in the performance of their duties. Receives general supervision from Party Chief who reviews work while in progress.

CEI ROD-MAN/CHAIN-MAN – High School graduate with some survey experience or training preferred. Receives supervision from and assists Party Chief who reviews work while in progress.

10.3 Staffing:

Once authorized, the Consultant shall establish and maintain appropriate staffing throughout the duration of construction and completion of the final estimate. Responsible personnel, thoroughly familiar with all aspects of construction and final measurements of the various pay items, shall be available to resolve disputed final pay quantities until Okaloosa County has received a regular acceptance letter.

Construction engineering and inspection forces will be required of the Consultant while the Contractor is working. If Contractor operations are substantially reduced or suspended, the Consultant will reduce its staff appropriately.

In the event that the suspension of Contractor operations requires the removal of Consultant forces from the project, the Consultant will be allowed ten (10) days maximum to demobilize, relocate, or terminate such forces.

11.0 QUALITY ASSURANCE (QA) PROGRAM:

11.1 Quality Assurance Plan:

Within thirty (30) days after receiving award of an Agreement, furnish a QA Plan to the Construction Project Manager. The QA Plan shall detail the procedures, evaluation criteria, and instructions of the Consultant's organization for providing services pursuant to this Agreement. Unless specifically waived, no payment shall be made until Okaloosa County approves the Consultant QA Plan.

Significant changes to the work requirements may require the Consultant to revise the QA Plan. It shall be the responsibility of the Consultant to keep the plan current with the work requirements. The Plan shall include, but not be limited to, the following areas:

A. Organization:

A description is required of the Consultant QA Organization and its functional relationship to the part of the organization performing the work under the Agreement. The authority, responsibilities and autonomy of the QA organization shall be detailed as well as the names and qualifications of personnel in the quality control organization.

B. Quality Assurance Reviews:

Detail the methods used to monitor and achieve organization compliance with Agreement requirements for services and products.

C. Quality Assurance Records:

Outline the types of records which will be generated and maintained during the execution of the QA program.

D. Control of Subconsultants and Vendors:

Detail the methods used to control subconsultant and vendor quality.

E. Quality Assurance Certification:

An officer of the Consultant firm shall certify that the inspection and documentation was done in accordance with FDOT specifications, plans, standard indexes, and Department procedures.

11.2 Quality Assurance Reviews:

Conduct semi-annual Quality Assurance Reviews to ensure compliance with the requirements of the Agreement. Quality Assurance Reviews shall be conducted to evaluate the adequacy of materials, processes, documentation, procedures, training, guidance, and staffing included in the execution of this Agreement. Quality Assurance Reviews shall also be developed and performed to achieve compliance with specific QA provisions contained in this Agreement. The semi-annual reviews shall be submitted to the Construction Project Manager in written form no later than one (1) month after the review.

On short duration CCEI projects (nine (9) months or less), the CCEI shall perform an initial QA review within the first two (2) months of the start of construction.

On asphalt projects, the CCEI shall perform an initial QA review on its asphalt inspection staff after the Contractor has completed ten (10) full work days of mainline asphalt paving operations, or 25% of the asphalt pay item amount (whichever is less) to validate that all sampling, testing, inspection, and documentation are occurring as required of the CCEI staff.

11.3 Quality Records:

Maintain adequate records of the quality assurance actions performed by the organization (including subcontractors and vendors) in providing services and products under this Agreement. All records shall indicate the nature and number of observations made, the number and type of deficiencies found, and the corrective actions taken. All records shall be available to Okaloosa County, upon request, during the Agreement term. All records shall be kept at the primary job site and shall be subject to audit review.

12.0 CERTIFICATION OF FINAL ESTIMATES:

12.1 Final Estimate and As-Built Plans Submittal:

Prepare documentation and records in compliance with the Agreement, Statewide Quality Control (QC) Plan, or Consultant's approved QC Plan and the Department's Procedures as required by CPAM.

Submit the Final Estimate(s) and one (1) set of final "as-built plans" documenting the Contractor's work in accordance with CPAM.

Revisions to the Certified Final Estimate will be made at no additional cost to Okaloosa County.

13.0 AGREEMENT MANAGEMENT:

13.1 General:

- ~~(1) With each monthly invoice submittal, the Consultant will provide a Status Report for the Agreement. This report will provide an accounting of the additional Agreement calendar days allowed to date, an estimate of the additional calendar days anticipated to be added to the original schedule time, an estimate of the Agreement completion date, and an estimate of the Consultant funds expiration date per the Agreement schedule for the prime Consultant and for each subconsultant. The Consultant will provide a printout from the Equal Opportunity Reporting System showing the previous month's payments made to subconsultants. Invoices not including this required information may be rejected.~~
- ~~(2) When the Consultant identifies a condition that will require an amendment to the Agreement, the Consultant will communicate this need to the Construction Project Manager for acceptance. Upon acceptance, prepare and submit an Amendment Request (AR), and all accompanying documentation to the Construction Project Manager for approval and further processing. The AR is to be submitted at such time to allow Okaloosa County 8 weeks to process, approve, and execute the AR. The content and format of the AR and accompanying documentation shall be in accordance with the instructions and format to be provided by Okaloosa County.~~
- ~~(3) The Consultant is responsible for performing follow up activities to determine the status of each Amendment Request submitted to Okaloosa County.~~

13.2 Invoicing Instructions:

~~Monthly invoices shall be submitted to Okaloosa County in a format and distribution schedule defined by Okaloosa County, no later than the 20th day of the following month. At a minimum, Consultant will be required to distribute his time according to the segment of work where work is being performed or for Utility JPA work, allocated to that portion of the work.~~

14.0 OTHER SERVICES:

Upon written authorization by the District Construction Engineer or designee, the Consultant will perform additional services in connection with the project not otherwise identified in this Agreement. The following items are not included as part of this Agreement, but may be required by Okaloosa County to supplement the Consultant services under this Agreement.

- A. Assist in preparing for arbitration hearings or litigation that occurs during the Agreement time in connection with the construction project covered by this Agreement.
- B. Provide qualified engineering witnesses and exhibits for arbitration hearings or litigation in connection with the Agreement.
- C. Provide inspection services in addition to those provided for in this Agreement.
- D. Provide services determined necessary for the successful completion and closure of the Construction Contract.

15.0 POST CONSTRUCTION CLAIMS REVIEW:

In the event the Contractor submits a claim for additional compensation and/or time after the Consultant has completed this Agreement, analyze the claim, engage in negotiations leading to settlement of the claim, and prepare and process the required documentation to close out the claim. Compensation for such services will be negotiated and effected through a Modification to this Agreement.

16.0 CONTRADICTIONS:

In the event of a contradiction between the provisions of this Scope of Services and the Consultant's proposal as made a part of their Agreement, the provisions of the Scope of Services shall apply.

17.0 FINAL AUTHORITY

Okaloosa County shall be the final authority in considering modifications to the Construction Contract for time, money or any other consideration except matters agreed to by the Contractor through contract changes negotiated by the Consultant, as authorized in Section 9.1 herein.

EXHIBIT "C"

LOCAL AGENCY PROGRAM FEDERAL-AID TERMS For
PROFESSIONAL SERVICES CONTRACTS
Form 375-040-84
(3 pages follow)

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TERMS FOR FEDERAL AID CONTRACTS (APPENDIX II):

The following terms apply to all contracts in which it is indicated that the services involve the expenditure of federal funds:

- A. It is understood and agreed that all rights of the Local Agency relating to inspection, review, approval, patents, copyrights, and audit of the work, tracings, plans, specifications, maps, data, and cost records relating to this Agreement shall also be reserved and held by authorized representatives of the United States of America.
- B. All tracings, plans, specifications, maps, computer files and/or reports prepared or obtained under this Agreement, as well as all data collected, together with summaries and charts derived therefrom, will be considered works made for hire and will become the property of the Agency upon completion or termination without restriction or limitation on their use and will be made available, upon request, to the Agency at any time during the performance of such services and/or completion or termination of this Agreement. Upon delivery to the Agency of said document(s), the Agency will become the custodian thereof in accordance with Chapter 119, Florida Statutes. The Consultant will not copyright any material and products or patent any invention developed under this agreement. The Agency will have the right to visit the site for inspection of the work and the products of the Consultant at any time.
- C. It is understood and agreed that, in order to permit federal participation, no supplemental agreement of any nature may be entered into by the parties hereto with regard to the work to be performed hereunder without the approval of the U.S. Department of Transportation, anything to the contrary in this Agreement notwithstanding.
- D. The Consultant shall provide access by the Florida Department of Transportation (recipient), the Agency (subrecipient), the Federal Highway Administration, the U.S. Department of Transportation's Inspector General, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the Consultant which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.
- E. Compliance with Regulations: The Consultant shall comply with the Regulations: relative to nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Agreement.
- F. Nondiscrimination: The Consultant, with regard to the work performed during the contract, shall not discriminate on the basis of race, color, national origin, sex, age, disability, religion or family status in the selection and retention of subcontractors, including procurements of material and leases of equipment. The Consultant shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.
- G. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations made by the Consultant, either by competitive bidding or negotiation for work to be performed under a subcontract, including procurements of materials and leases of equipment, each potential subcontractor or supplier shall be notified by the Consultant of the Consultant's obligations under this contract and the Regulations relative to nondiscrimination on the basis of race, color, national origin, sex, age, disability, religion or family status.
- H. Information and Reports: The Consultant will provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Local Agency, Florida Department of Transportation, Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or Federal Motor Carrier Safety Administration to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of the Consultant is in the exclusive possession of another who fails or refuses to furnish this information, the Consultant shall so certify to the Local Agency, Florida Department of Transportation, Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration as appropriate, and shall set forth what efforts it has made to obtain the information.
- I. Sanctions for Noncompliance: In the event of the Consultant's noncompliance with the nondiscrimination provisions of this contract, the Local Agency shall impose such contract sanctions as it or the Florida Department of Transportation, Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or Federal Motor Carrier Safety Administration may determine to be appropriate, including, but not limited to,
 - 1. withholding of payments to the Consultant under the contract until the Consultant complies and/or
 - 2. cancellation, termination or suspension of the contract, in whole or in part.
- J. Incorporation or Provisions: The Consultant will include the provisions of Paragraph C through K in every subcontract, including procurements of materials and leases of equipment unless exempt by the Regulations, order, or instructions

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issued pursuant thereto. The Consultant shall take such action with respect to any subcontract or procurement as the Local Agency, Florida Department of Transportation, Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration may direct as a means of enforcing such provisions, including sanctions for noncompliance. In the event a Consultant becomes involved in, or is threatened with, litigation with a subconsultant or supplier as a result of such direction, the Consultant may request the Local Agency to enter into such litigation to protect the interests of the Local Agency, and, in addition, the Consultant may request the United States to enter into such litigation to protect the interests of the United States.

- K. Compliance with Nondiscrimination Statutes and Authorities: Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21; The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects); Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex); Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 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 U.S.C. § 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, 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 U.S.C. §§ 12131 -- 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 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 non-discrimination 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 U.S.C. 1681 et seq.).
- L. Interest of Members of Congress: No member of or delegate to the Congress of the United States will be admitted to any share or part of this contract or to any benefit arising therefrom.
- M. Interest of Public Officials: No member, officer, or employee of the public body or of a local public body during his tenure or for one year thereafter shall have any interest, direct or indirect, in this contract or the proceeds thereof. For purposes of this provision, public body shall include municipalities and other political subdivisions of States; and public corporations, boards, and commissions established under the laws of any State.
- N. Participation by Disadvantaged Business Enterprises: The Consultant shall agree to abide by the following statement from 49 CFR 26.13(b). This statement shall be included in all subsequent agreements between the Consultant and any subconsultant or contractor.
- "The subconsultant, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the Consultant to carry out these requirements is a material breach of this contract, which may result in termination of this contract or other such remedy as the recipient deems appropriate."
- Pursuant to 49 CFR 26.11(c), the Consultant shall submit the bid opportunity list at the time of contract execution, and shall enter DBE commitment and payment information in the Florida Department of Transportation Equal Opportunity Compliance (EOC) system. The Consultant shall request access to the EOC system using Form No. 275-021-30.
- O. Prompt Payment of and Return of Retainage to Subconsultants: The Consultant will pay monies owed to subconsultants, suppliers or other parties within thirty (30) days of the Consultant receiving payment from the Local Agency. The Local Agency is prohibited from withholding retainage from consultants. To the extent the selected consultant withholds retainage from its subconsultants, it must be returned in its entirety within thirty (30) days of satisfactory completion of the subconsultant work. The Local Agency is the arbiter of what constitutes satisfactory completion. These provisions apply to all subconsultants and at all tiers of subcontracting.
- P. It is mutually understood and agreed that the willful falsification, distortion or misrepresentation with respect to any facts related to the project(s) described in this Agreement is a violation of the Federal Law. Accordingly, United States Code, Title 18, Section 1020, is hereby incorporated by reference and made a part of this Agreement.

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Q. It is understood and agreed that if the Consultant at any time learns that the certification it provided the Local Agency in compliance with 49 CFR, Section 26.51, was erroneous when submitted or has become erroneous by reason of changed circumstances, the Consultant shall provide immediate written notice to the Local Agency. It is further agreed that the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction" as set forth in 49 CFR, Section 29.510, shall be included by the Consultant in all lower tier covered transactions and in all aforementioned federal regulation.

R. The Local Agency hereby certifies that neither the Consultant nor the Consultant's representative has been required by the Local Agency, directly or indirectly as an express or implied condition in connection with obtaining or carrying out this contract, to

1. employ or retain, or agree to employ or retain, any firm or person, or
2. pay, or agree to pay, to any firm, person, or organization, any fee, contribution, donation, or consideration of any kind;

The Local Agency further acknowledges that this agreement will be furnished to a federal agency, in connection with this contract involving participation of Federal-Aid funds, and is subject to applicable State and Federal Laws, both criminal and civil.

S. The Consultant hereby certifies that it has not:

1. employed or retained for a commission, percentage, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for the above contractor) to solicit or secure this contract;
2. agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out this contract; or
3. paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for the above contractor) any fee contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out the contract.

The Consultant further acknowledges that this agreement will be furnished to the Local Agency, the State of Florida Department of Transportation and a federal agency in connection with this contract involving participation of Federal-Aid funds, and is subject to applicable State and Federal Laws, both criminal and civil.

T. The Consultant shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term.

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

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

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

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

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

W. Byrd Anti-Lobbying: Consultants awarded a contract 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

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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 who in turn will forward the certification(s) to the awarding agency.

CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES ON FEDERAL AID CONTRACTS: (Compliance with 49 CFR, Section 20.100(b))(1) The Consultant certifies that: (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Consultant, to any person for influencing or attempting to influence either directly or indirectly an officer or employee of any state or Federal agency, a member of the Florida Legislature, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement. (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Agreement, the Consultant shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities". (2) This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. (3) The Consultant also certifies by signing this contract that the Consultant shall require the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Statement for Loan Guarantees and Loan Insurance

Per 49 CFR Part 20, Appendix A, the undersigned states, to the best of his or her knowledge and belief, that

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

- X. Buy America: As appropriate and to the extent consistent with law, the non-Federal entity should, to the greatest extent practicable under a Federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this section must be included in all subawards including all contracts and purchase orders for work or products under this award per 2 CFR part 200.322.

"Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

"Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

Furthermore Federal agencies providing Federal financial assistance for infrastructure projects must implement the Buy America preferences set forth in 2 CFR part 184.

End of Exhibit C