

EXHIBIT "A"
SCOPE OF SERVICES

FDOT DISTRICT SIX
DISTRICTWIDE ENVIRONMENTAL DATA
AND REPORT CONSULTANT

FM # 434673-3-22-01

May 2026

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I. Description

The Florida Department of Transportation, hereinafter called the DEPARTMENT, requires the implementation of quality environmental policies, procedures, and practices in the development of transportation improvements through each of the DEPARTMENT'S core processes; establishment of policy and procedures to ensure implementation of environmental programs and initiatives of the DEPARTMENT; coordination with federal and state environmental resource and regulatory agencies, other governmental agencies, individuals, and consultants, in the development and implementation of environmental processes and procedures consistent with environmental laws and regulations to assist the DEPARTMENT in achieving its mission; activities include planning, engineering, impact review, data collection, analysis, soil exploration, material testing, design, landscape architecture, inspection, report, document, and other miscellaneous services in connection with all transportation project phases of Planning, Project Development & Environment, Final Design, Right-of Way, Construction, and Maintenance.

II. Objective

The DEPARTMENT desires to obtain services from a professional firm hereinafter called the CONSULTANT. The CONSULTANT shall serve as an extension of the DEPARTMENT'S staff and minimize the DEPARTMENT'S need to apply its own limited resources and staff to assignments. The Consultant's team shall consist of professionals and specialists in the areas of the services required by the DEPARTMENT and have a thorough understanding of the National Environmental Policy Act (NEPA) and all other Federal, State, and Local regulations as applicable to miscellaneous transportation projects. The CONSULTANT shall perform as directed by the DEPARTMENT all or part of the services required to assist in the production of miscellaneous transportation projects and assess potential impacts from those projects. The CONSULTANT shall be responsible to utilize professional project management and quality assurance/quality control practices and demonstrate the very best judgment, practices, and principles during the execution of the work assigned including but not limited to communication with the DEPARTMENT and others as necessary, management of time and resources, and documentation. All correspondence, coordination, meeting attendance, and documentation by the CONSULTANT shall be coordinated with the DEPARTMENT. All CONSULTANT services identified below will follow all Federal, State, and Local regulations as applicable. If any regulations referenced herein are revised or superseded before the services by the CONSULTANT are rendered, compliance with the most up-to-date version and/or amendments will be required.

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III. Consultant Services

The CONSULTANT'S team shall consist of specialists in the areas of analysis and documentation of various social, cultural, natural and physical environmental impacts/benefits of transportation projects including, but not limited to, air quality, noise, contamination evaluation, water quality (surface and groundwater), hydrological analysis, natural community assessment, ecologically valuable or endangered/threatened flora and fauna, archeological and historic resource assessment, community impact assessment, Section 4(f) resources, public involvement, environmental permitting, GIS-based data management/computer application and general Project Development and Environment (PD&E) studies. Tasks of each topical area include data collection, sampling, modeling, analysis, reporting, follow-up reports, technical memoranda, and interagency and intradepartmental coordination. All correspondence, coordination and meeting attendance by the CONSULTANT will be at the direction of, and on behalf of, the DEPARTMENT, and shall be coordinated with the DEPARTMENT accordingly.

The CONSULTANT will provide staff that possess the capability to conduct environmental impact reviews on projects that are listed in the District Six Work Program. This shall include all field work necessary, as well as using StateWide Environmental Project Tracker (SWEPT), Efficient Transportation Decision Making (ETDM) Environmental Screening Tool (EST), District Six Comprehensive Geographic Information System (GIS) Viewer, District Six Environmental GIS Database, Contamination Screening Tool, Project Suite Enterprise Edition (PSEE), Electronic Review and Comments (ERC), and other FDOT approved software to conduct the reviews. All correspondence, coordination and meeting attendance by the CONSULTANT will be at the direction of and on behalf of the DEPARTMENT and shall be coordinated with the DEPARTMENT accordingly.

Field work efforts may include the use of drones or other mobile unmanned aerial vehicle (UAV) units.

If the procedural regulations referenced herein are revised or superseded before the services by the CONSULTANT are rendered, compliance with the most up-to-date version and/or amendments will be required. All services identified below will be carried out pursuant to 23 U.S.C. § 327 and the Memorandum of Understanding dated May 26, 2022, and executed by FHWA and FDOT, in compliance with applicable Federal, State and local regulations, as well as the latest version of the FDOT PD&E Manual.

The CONSULTANT will provide any one or more of the following services as required by the DEPARTMENT, and must be able to perform, review and document the field work and analysis for the reports and services outlined below.

A. Miscellaneous PD&E or NEPA Studies and Documents

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Tasks are to be conducted in accordance with the FDOT PD&E Manual and any other related guidance as directed by the DEPARTMENT Project Manager. Coordination, project review, and documentation may occur through a variety of mechanisms, including but not limited to field work, e-mail, telephone conversations, virtual or in-person meetings, formal written correspondence, report circulation, ETDM process use, use of various and often multiple information resources such as Florida Geographic Data Library (FGDL), GIS, SWEPT, or other database repositories held by other entities.

Specific tasks to be performed by the CONSULTANT may include, but not necessarily be limited to, the following.

1. Environmental Impact Reviews - Conduct reviews for various projects and documents including but not limited to: Design and Design-Build projects, Local Agency Program (LAP) projects, right-of-way permits, one stop permitting, and Intergovernmental Coordination and Reviews (ICAR). Tasks may include but not be limited to: GIS/aerial review and field review for environmental issues; review of plans and/or other documents for social, natural, cultural, and physical environmental issues; preparation/tracking of comments through ERC or other Department processes/systems; attendance at project phase review and pre-construction meetings; recommendation of Environmental Standard Notes/Environmental Special Provisions to be included in plans/bid documents; preparation of necessary memoranda, reports, Class of Action checklists, and pertinent certifications/clearances.
2. Environmental Document for PD&E Studies and Re-Evaluations - To be prepared according to the FDOT PD&E Manual and at the direction of the DEPARTMENT Project Manager. Final approval of these documents is obtained from the lead federal agency or the DEPARTMENT, as appropriate.
3. Advance Notifications - To be prepared according to the FDOT PD&E Manual, Part 1 Chapter 3, and at the direction of the DEPARTMENT Project Manager.
4. Environmental Determinations - To be prepared according to the FDOT PD&E Manual, Part 1 Chapter 2, and at the direction of the DEPARTMENT Project Manager. Final approval of the documents is obtained from the lead federal agency or the DEPARTMENT, as appropriate.
5. Other Miscellaneous Reporting and/or Analyses - Including, but not limited to, environmental impact review and/or investigation of the following.
 - a. Visual Impacts/Aesthetics
 - b. Bicycle/Pedestrian Facilities
 - c. Community Impact Assessment
 - d. Right of Way/Relocation
 - e. Water Quality Impact Evaluations

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- i. Drainage
- ii. Outstanding Florida Waters
- iii. Aquatic Preserves
- f. Floodplains
- g. Coastal Zone Consistence
- h. Coastal Barrier Resources
- i. Farmlands
- j. Utilities and Railroads
- k. Energy
- l. Secondary and Cumulative Impact Analysis
- m. Navigation
- n. Traffic
- o. Maintenance of Traffic

B. Efficient Transportation Decision Making

The CONSULTANT shall be prepared to assist the DEPARTMENT in ETDM related activities, including but not limited to coordinating with the Environmental Technical Advisory Team (ETAT) members/agencies, the Miami-Dade County MPO, the Monroe County Board of County Commissioners (BOCC), FDOT Central Office of Environmental Management Office (OEM) and other consultants or entities as appropriate and as directed by the DEPARTMENT Project Manager.

Services shall include, but not be limited to:

1. As directed by the DEPARTMENT, the CONSULTANT shall be responsible for compiling lists and tracking projects resulting from ETDM. The CONSULTANT will need to be proficient in utilizing the ETDM and the ETDM Environmental Screening Tool (EST), as well as the ETDM Manual for the screening and advancing of projects as necessary.
2. The CONSULTANT shall provide as necessary the presentation, coordination, and setup of ETDM related meetings/trainings. This includes the preparation of meeting support materials, equipment, handouts, meeting summaries, PowerPoint presentations, or any other media as required to ensure effective communication.

C. Community Impact Assessment (CIA)

The CONSULTANT shall perform, as required CIA related analyses, evaluations, and provide recommendations; including assessing potential adverse or disproportionate impacts to more vulnerable populations, civil rights and related issues; transportation and environmental planning services; policy and engineering analysis; studies; data collection and retrieval; field reviews; impact/benefit assessments; mitigation; checklists; surveys; documentation; and submittal of appropriate

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documentation including Technical Memoranda or technical report in support of the DEPARTMENT'S CIA objectives. GIS related support and outputs may be required as part of this task.

Services shall include, but not be limited to:

1. The CONSULTANT shall prepare CIA Evaluations during the ETDM phase and/or in the PD&E phase, in accordance with the FDOT PD&E Manual and other applicable guidance, and at the direction of the DEPARTMENT.
2. The CONSULTANT shall produce necessary CIA related maps, overlays, display boards and other graphics as required by the DEPARTMENT, including GIS generated

D. Air Quality

The CONSULTANT shall perform/review air quality analyses, in compliance with existing procedures and methodologies, and in accordance with the FDOT PD&E Manual. Services may include, but not be limited to air quality screening tests, desktop reviews, or modeling; and submittal of appropriate documentation including Air Quality Technical Memoranda or Air Quality Reports, containing sufficient data, findings, recommendations and conclusions, including any mitigative measures that might be necessary relative to the proposed undertaking. Specific procedural guidance will be provided by the DEPARTMENT upon assignment of the task(s).

E. Highway Traffic Noise

The CONSULTANT shall perform/review noise analyses and submit Noise Study Reports (NSR) during the Planning, PD&E, Final Design, or Construction Phases, containing sufficient data relative to the proposed undertaking, in compliance with 23 CFR 772, F.S. 335.17, and various FHWA guidance documents, and in accordance with the FDOT PD&E Manual and/or the FDOT Traffic Noise Modeling and Analysis Practitioners Handbook, Federal Transit Authority (FTA) Transit Noise and Vibration Impact Assessment Manual, and any other federal and state related criteria. Specific procedural guidance will be provided by the DEPARTMENT upon assignment of the task(s). The noise tasks shall be performed by a Noise Specialist that has completed the FDOT Highway Traffic Noise Training.

Services shall include, but not be limited to as directed by the DEPARTMENT:

1. Data Collection – Identify noise-sensitive sites, measure noise levels in the field, and perform noise model validation.

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2. Analysis – Collect and document data necessary including but not limited to roadway design concepts, traffic, and elevation data, and complete data entry into most currently accepted noise model.
3. Evaluation – Evaluate results to determine the significance of determined levels in relation to noise level standards.
4. Recommendations – Evaluate noise abatement measures and provide design data on proposed noise barriers and/or other effective noise abatement measures.
5. Reporting – Preparation or review of a NSR, Noise Study Addendum, Technical Memorandum containing all generated data, methodology, results, discussion of findings, recommendations, and conclusions; including any mitigative measures that might be necessary to reduce construction and/or other project-related impacts.
6. Public Coordination – Collect or review public input, respond to public inquiries, conduct and/or attend public workshops, hearings and meetings, as needed in support of the District Six noise program.

F. Water Quality/Water Resources

The services to be performed may include the sampling of wells and water bodies and analysis of water quality. Sufficient data will be collected for the determination of the effects of a project. Additionally, the compilation, synthesis and interpretation of existing data from various sources may be necessary. A Water Quality Report or other relevant document will be prepared containing sufficient data relative to the proposed undertaking as directed by the DEPARTMENT. CONSULTANT services will be in compliance with applicable Federal, State, and local regulations. Specific procedural guidance will be provided by the DEPARTMENT upon assignment of the task(s).

Specific tasks to be performed by the CONSULTANT may include, but not be limited to the following.

1. Data Collection – Collect and preserve shoreline/littoral samples, well samples, inflow/outflow samples, and/or water column samples from specific water strata.
2. Analysis – Analyze water and soil samples for turbidity, pH, metals, physical, organic and inorganic constituents, microorganisms, dissolved oxygen content or other parameters as required. The laboratory will be certified by one or all of the following agencies as required: the Florida Department of Environmental Protection (FDEP), the Florida Department of Health and Rehabilitative Services (FDHRS), and/or the US Environmental Protection Agency (EPA). Sampling and analytical services by the CONSULTANT shall comply with the latest federal and state agency criteria.

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3. Reporting – Preparation of a Water Quality Report containing all the data collected and researched, sampling methodology, quality control documentation interpretation and recommendations/conclusions.

Additional tasks may include, but not be limited to, evaluation of potential impacts by transportation projects on Aquatic Preserves (AP), Outstanding Florida Waters (OFW), Federal Preserves, State and National Parks, Marine Sanctuaries, and Sole Source Aquifers (SSA); prepare or review the SSA Checklist and Water Quality Impact Evaluation (WQIE) in accordance with the FDOT PD&E Manual; review of specific-project stormwater management plans and feasibility studies (including pond siting analyses) to avoid/minimize environmental impacts and meet regulatory water quality/quantity criteria; and assist with the preparation of any required transmittals to the EPA or other regulatory agencies.

G. Wetlands and Other Surface Waters

The services to be performed may include field survey/assessment, mitigation recommendation, agency support, and prepare relevant documents. Specific procedural guidance will be provided by the DEPARTMENT upon assignment of the task(s).

Services shall include, but not be limited to:

1. Field Survey/Assessment – Identify, delineate, and map wetlands and other surface waters in compliance with federal and state regulatory methodologies. Landward limits of wetland and surface water features to be delineated in accordance with the State of Florida Wetlands Delineation Manual (Chapter 62-340, Florida Administrative Code) and the guidelines found within the Regional Supplement to the U.S. Army Corps of Engineers (USACE) Wetlands Delineation Manual: Atlantic and Gulf Coastal Plain Region (USACE 2010). Characterize each distinct habitat/delineated area in terms of vegetation, soils and hydrology or other relevant biological characterizations (may include marine benthos) [certain habitat constituents, specifically in aquatic habitats, may be required to be located in the field and mapped using the latest scientific survey methods (i.e., stony corals, barrel sponges, macroalgae, sea fans/sea whips, etc.)]. Complete wetland delineation data forms per agency criteria. Evaluate impacts to wetlands, marine benthos, or other surface water features to include avoidance and minimization of impacts analyses. Assess wetland functions and values in accordance with the latest regulatory agency-approved evaluation methodology for direct, secondary and cumulative impacts and complete appropriate assessment data forms. Additionally, the compilation, synthesis and interpretation of existing data from various sources may be necessary.

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2. Mitigation – Determine suitable compensation for impacts per federal and state agency mitigation criteria. May include development of mitigation concepts/sketches/Design plans (onsite and/or offsite) and calculations for agency review. May include development of a written mitigation plan (or portions thereof) per federal and state regulatory criteria.
3. Agency Coordination - Assist the DEPARTMENT with coordination including the District Six Environmental Permits Coordinator and appropriate environmental regulatory and resource agencies as directed.
4. Reporting – Prepare a Natural Resources Evaluation (NRE) or Technical Memorandum containing sufficient data relative to the project needs. The NRE report will detail the results of wetland impact analyses or surveys, and include all data used and generated in the analysis, results of the analysis conducted, descriptive and graphic representations of existing habitat types or communities, discussion of impacts (direct, secondary and cumulative), mitigative measures that might be necessary to reduce project-related impacts, permitting concerns, recommendations and conclusions. Data shall be presented in a manner which allows for easy interpretation. The CONSULTANT may also assist with the preparation of any required transmittal letters to the FDEP, South Florida Water Management District (SFWMD), U.S. Army Corps of Engineers (USACE), or others as directed. A written report detailing mitigation alternatives and recommended action may be required. The CONSULTANT may also perform mitigation site construction oversight, inspections, monitoring, and prepare mitigation monitoring reports, or other related services, as needed.

H. Endangered and Threatened Species and Habitats

Services to be performed by the CONSULTANT may require interagency coordination with appropriate environmental regulatory or resource agencies and may consist of, but not be limited to.

1. Surveys and Analyses – Perform desk-top research and/or field survey(s) for federal and state-listed endangered and threatened species, to identify those listed species, critical habitats, and other special designation sites present or species with the potential to occur within the areas affected by the project. Conduct species-specific surveys in accordance with the latest U.S. Fish and Wildlife Service (FWS), National Oceanic and Atmospheric Administration National Marine Fisheries Services (NMFS), Florida Fish and Wildlife Conservation Commission (FWC), or other agency-approved survey protocols. Additionally, the compilation, synthesis, and interpretation of existing data from various sources may be necessary. Perform impact analyses for

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protected species and habitats occurring or having potential to occur within the project area including development of resulting effect determinations (as applicable), and development of conservation measures and/or mitigation measures, as applicable, as required by the respective agencies.

2. Reporting – Prepare a NRE or Technical Memorandum containing sufficient data relative to the proposed undertaking relative to the project needs. Services shall comply with the Endangered Species Act of 1973 (as amended), the Florida Endangered and Threatened Species Act, Section 379.2291, F.S., and the FDOT PD&E Manual. The NRE will contain all data used and generated in the study, survey methodology, assessment of project effects, findings/results, conclusions, and recommendations including mitigative/conservation measures that might be necessary to reduce project-related impacts. The NRE may also contain other non-listed wildlife or plant species, as applicable (globally imperiled species, candidate species, etc.). Data shall be reported in a manner which allows for easy interpretation. Quality Control will be documented.
3. Agency Coordination – Assist the DEPARTMENT with the preparation of any required transmittal letters/emails to the FWS, NMFS, FWC, Florida Department of Agriculture and Consumer Services (FDACS) or other agencies, coordination/consultation with these agencies, and support with responding to agency comments and questions.

I. Essential Fish Habitat

Services to be performed by the CONSULTANT may require agency coordination with appropriate environmental regulatory or resource agencies and may consist of, but not be limited to the following.

1. Analysis and Surveys – Perform desktop research and/or field surveys of Essential Fish Habitat (EFH) present with the potential to be affected by the project. Conduct EFH surveys/assessments in accordance with the latest NMFS or other relevant agency protocols. In addition, the compilation, synthesis, and interpretation of existing data from various sources may be necessary.
2. Reporting – Prepare an EFH Assessment containing sufficient data relative to the proposed project. Services shall comply with the Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA) and other applicable Federal and State regulations and shall be conducted in accordance with the FDOT PD&E Manual. Local regulations may be assessed as needed. The EFH Assessment may include an analysis and discussion of effects to include avoidance, and minimization measures or impacts, and any required mitigation and/or conservation measures required to compensate for adverse effects. Task also includes assistance with the preparation of any required

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transmittal letters/emails to the NMFS or other agencies and responses to agency comments and questions.

J. Terrestrial and Aquatic Biological Sampling, Collection and Relocation

Specific tasks to be performed by the CONSULTANT may include, but not be limited to, the following:

1. Biological Inspection – Conduct site inspection(s) of project area to survey all affected and/or potentially affected species (flora and fauna) and habitats (terrestrial, benthic, or other).
2. Sampling, Collection, Relocation, and Monitoring – Collect and preserve samples of sediment (chemical and physical constituents), benthos, macro-invertebrates, plankton, fish, vegetation, and periphyton. Samples may be analyzed by CONSULTANT with documented experience analyzing such samples and/or by a state-approved laboratory. Task may include capture/collection and relocation/transplantation of protected flora and fauna in compliance with FWS, NMFS, Florida Key National Marine Sanctuary (FKNMS), FWC, or other agency documentation/criteria, and identification/assessment of suitable recipient sites or rescue organizations approved by the resource agencies. Task may include monitoring recipient sites and other locations (following relocation/transplantation activities) and reporting results to relevant agencies and the DEPARTMENT. Task may include assisting the DEPARTMENT with coordination efforts with the FWS, NMFS, FKNMS, FWC or other agencies, obtain necessary permits and support with agency submittals and responding to agency comments and questions relating to capture/collection and relocation/transplantation means/methods and recipient site selection.
3. Analysis and Evaluation – Analyze and evaluate as directed by the DEPARTMENT, including documentation of quality control.
4. Reporting – The Biological Report or Technical Memoranda will contain all data used, survey or data collection methodology, results, interpretation, discussion of findings and recommendations, and agency coordination results. Task may include assisting the DEPARTMENT with coordination efforts with the FWS, NMFS, FKNMS, FWC or other agencies and support with agency submittals and responding to agency comments and questions.

K. Preparation of Mitigation Project Construction Plans and Contract Documents

The CONSULTANT may be required to prepare mitigation site construction plans for wetlands or upland mitigation. CONSULTANT services may include but not be limited to

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plans preparation, geotechnical investigation, preparation of contract documents, and interagency coordination.

1. Design Plan Preparation – Design plans shall include, but not be limited to plotting of all survey data, preparation of the key sheet, summary of quantities plan-profiles, construction staging areas, storage site(s) for suitable fill material removed from the mitigation site(s), soil survey, cross-section, cross-section pattern, maintenance of traffic, utility adjustment, cost estimates, and other detail sheets necessary to convey the intent of the mitigation plan.

All Design Plans shall be prepared and submitted in accordance with the Florida Design Manual, latest Standard Specifications adopted by AASHTO and FDOT, and in accordance with the relative mitigation plan.

CONSULTANT'S peer review of the plans and calculations are required, and the results of such review must be indicated on these documents prior to submittal to the DEPARTMENT. The designer's and reviewer's names are to appear on the calculations and plan sheets. A statement that such peer review has been accomplished is to be submitted for approval. Implementation of a Quality Assurance Plan is subject to audit to assure compliance.

If the work is divided between the CONSULTANT and a Subconsultant, the CONSULTANT is the Engineer of Record and should take all prudent and necessary steps in reviewing, coordinating and directing the subconsultant's work.

Plans shall be submitted to the DEPARTMENT for review at 30%, 60%, 90%, and 100% Plans stages or as directed by the DEPARTMENT Project Manager. The content of phase review packages shall conform to FDOT requirements.

2. Contract Document Preparation – The CONSULTANT shall prepare all Contract Documents associated with the Mitigation plans.

The CONSULTANT shall provide Special Provisions for all items of work not covered by the Standard Specifications, Supplemental Specifications, or Recurring Special Provisions. Any modifications must be justified to the DEPARTMENT'S Specifications Office to be included in the Project's Specification Package as Special Provisions which shall be signed, sealed and dated in accordance with Chapter 471 or Chapter 481 F.S. as appropriate. Before starting preparation of Special Provisions, the CONSULTANT shall contact the Specifications Office for details of the current format to be used.

3. Geotechnical Investigation - Any geotechnical investigations which may be required to prepare mitigation site Design plans shall be conducted in accordance with the DEPARTMENT'S standards. All geotechnical investigations, reports, or

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recommendations shall be submitted to the DEPARTMENT'S Geotechnical Engineer for review prior to incorporation into the final project design.

4. Interagency Coordination - The CONSULTANT may be required to coordinate with agencies and/or mitigation site property owners to obtain necessary regulatory permits and/or rights of entry permissions to perform the mitigation work.

L. Hydrodynamic and Hydrologic Investigations, Modeling and Analysis

Specific tasks to be performed by the CONSULTANT may include but not be limited to the following:

1. Analysis – Analyze the hydrodynamics of water movement, including currents, surface and internal water movements, entrainments, stratification characteristics, tidal exchange, associated computer modeling of sediment transport, scouring and related hydrological studies.
2. Hydrologic Modeling and Analysis – Existing or predicted hydrologic conditions may require hydrologic modeling by a variety of methods and/or qualified interpretation and evaluation of model runs completed by others. Modeling programs will be reviewed and approved by the DEPARTMENT prior to use.
3. Reporting – Prepare a Hydrological Report or other relevant document as directed by the DEPARTMENT to include all data used, methodology, interpretation, and discussion of findings, conclusions and recommendations.

M. Resiliency

It is the policy of the Florida Department of Transportation to consider resiliency of the State's transportation system to support the safety, mobility, quality of life, and economic prosperity of Florida and preserve the quality of our environment and communities. Resiliency includes the ability of the transportation system to adapt to changing conditions and prepare for, withstand, and recover from disruption.

Specific tasks to be performed by the CONSULTANT may include but not be limited to the following.

1. Identify - The Department and the CONSULTANT will continue to identify risks, particularly related to flooding, and storms; assess potential impacts; and employ strategies to avoid, adapt or eliminate impacts. The Department

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recognizes that shocks and stresses vary throughout the State, and on-going multidisciplinary efforts by other agencies are important considerations.

2. Coordination - The Department and the CONSULTANT will collaborate with the appropriate agencies and organizations for information sharing and alignment of resiliency strategies. This policy will be implemented through the Department's long-range and modal plans; work program; asset management plans; research efforts; and internal manuals, tools, guidelines, procedures, and related documents, guiding planning, programming, project development, design, construction, operations, and maintenance.

N. Contamination

The CONSULTANT will be required to be knowledgeable of contamination assessment/remediation issues and processes for FDOT projects and programs to assist the DEPARTMENT with planning and evaluating assessment/remediation in coordination with the District Six Contamination Impact Coordinator and/or Districtwide Contamination Assessment and Remediation Contractor, as needed.

Specific tasks to be knowledgeable of and perform coordination on may include, but not be limited to:

1. Investigation – Initiating investigation of potential contamination sites/concerns. Perform desktop research and field investigations in accordance with the FDOT PD&E Manual. Such investigation shall include standard Level I and Level II (Phase I and Phase II) Assessments, as directed.
2. Identification – Identifying locations of contamination sites and parameters to be considered in the study, in compliance with applicable federal, state and local agency requirements and/or as directed by the Department.
3. Reporting – All Level I and Level II Assessments and Contamination Screening Evaluations and/or Technical Memoranda in accordance with the FDOT PD&E Manual. Coordination with appropriate environmental resource and regulatory agencies, as well as the District Six Contamination Impact Coordinator, may be required as part of this task.

O. Environmental Permits

The services performed by the CONSULTANT may consist of obtaining and/or partially assisting in obtaining environmental regulatory agency permits and/or supporting permit compliance services for FDOT projects. Coordination with appropriate environmental resources and regulatory agencies may be required. The CONSULTANT shall utilize current information generated through the FDOT ETDM Process when applicable and FDOT

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processes as established within the FDOT PD&E Manual and the latest FDOT Environmental Permit Handbook. Coordination with the DEPARTMENT's Environmental Permits Coordinator may be required for this task(s).

Specific tasks to be performed by the CONSULTANT may include but not be limited to the following.

1. Preparation of Permit Applications – Including performing dredge and fill quantity calculations, assessing and quantifying wetland or other protected habitat and protected species impacts (direct, secondary, and cumulative), avoidance and minimization of impacts analyses, required mitigation/conservation measures, water quality/erosion control measures and providing project purpose and need, description, schedule, assist with agency coordination and preparation of documentation for protected resources [FWS, NMFS and/or State Historic Preservation Office (SHPO)] and other technical details as required in the application. Applications must be reviewed and approved by the Environmental Permits Coordinator prior to agency submission. Applications to be prepared may include those to be submitted to wetland resource and/or wildlife agencies.
2. Preparation of Permit Sketches – Sketches will be prepared per the specifications of the regulatory agencies for submittal with the permit applications. Sketches will be based on Final Design plans and may need to be signed and sealed by a Licensed Professional Engineer registered in the State of Florida. Sketches may be required to show dredge and fill work, limits of rights-of-ways, limits and/or locations of existing protected resources, proposed recipient site locations and characteristics, conceptual mitigation concepts/plans, purchase of mitigation bank credits, as needed.
3. Response to Application Completeness Summary Letters – Includes revision of permit application document and sketches/concept plans as needed. Researching, obtaining, and providing additional information as requested to address each agency comment may be required.
4. Interagency Coordination – Includes attending agency coordination meetings, agency board meetings, permit committee meeting, commission meetings, and providing information and/or project presentations as needed.
5. Permit Compliance – Includes preconstruction coordination and noticing, construction monitoring and reporting, and permit close-out activities as needed. Addressing environmental or other permit conditions, mitigation construction and/or monitoring, mitigation site closeout, may be required.

P. Farmland

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The CONSULTANT may be required to conduct a farmlands impact evaluation and prepare a farmland conversion impact rating form, in accordance with the FDOT PD&E Manual and the latest Natural Resources Conservation Service (NRCS) guidelines.

Q. Archaeological and Historical Resources

The CONSULTANT will be required to be knowledgeable of Archaeological and Historical Resource Assessment services in coordination with the District Six Cultural Resources Coordinator, and in accordance with the following: FDOT PD&E Manual, FDOT Cultural Resources Management (CRM) Handbook, requirements set forth in Section 106 of the National Historic Preservation Act (NHPA) of 1966, Chapter 267 of the Florida Statutes and Rule Chapter 1A-46, F.A.C. and Section 267.12, F.S., Chapter 1A-3; and the standards stipulated in the Florida Division of Historical Resources' (FDHR) *Cultural Resource Management Standards and Operations Manual, Module Three: Guidelines for Use by Historic Preservation Professionals*.

The CONSULTANT's must coordinate as needed with key personnel who meet the minimum criteria for Archaeologists, Historians and Architectural Historians as set forth in the Secretary of Interior's Standards and Guidelines for Archeology and Historic Preservation and 36 CFR 61.

Specific tasks to be knowledgeable of and perform coordination on may include, but not be limited to: field surveys as defined by the Area of Potential Effect (APE); Cultural Resources Assessment Survey (CRAS) including Florida Master Site File (FMSF) Forms, Survey Log Sheet, and National Register of Historic Places (NRHP) Determination of Eligibility packages, if applicable (the level of CRAS will vary depending on the project scope, ranging from a Section 106 Programmatic Agreement form, minor project review memo, up to a full CRAS); Section 106 Case Study Report; Memorandum of Agreements (MOA), excavations of prehistoric or historic archaeological resources to mitigate adverse effects, mitigation measures with regard to significant historical cultural resources; cultural materials such as artifacts and documents obtained from cultural resource surveys and/or mitigation measures; Section 106 Compliance Process (NHPA of 1966, as amended), consultation with the State Historic Preservation Officer (SHPO), Historic Compliance Review Section of the FDHR, Advisory Council on Historic Preservation (ACHP), FDOT OEM, Tribal Historic Preservation Officer (THPO) and tribal representatives, and other interested parties; archaeological monitoring of construction projects; any required transmittal letters to FDOT OEM, SHPO, and Federally-recognized tribes; and public coordination, including participating or attending public workshops/hearings, as needed, required by F.S. 267 or Section 106.

R. Section 4(f) Resources

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Services to be performed by the CONSULTANT shall be conducted in accordance with the FDOT PD&E Manual as well as the U.S. DOT Act of 1966, Section 4(f) as amended and codified in 23 U.S.C., Section 138 and 49 U.S.C., Section 303. These services are to assess and document project impacts and mitigatory measures associated with public parks, recreation areas, wildlife and waterfowl refuges, or and publicly or privately owned historic sites. This task may require coordination with environmental resource or regulatory agencies or representatives from other governmental entities as appropriate. This task may include coordination with the public and attendance at public workshops/hearings/meetings as needed and as required by Section 4(f).

Specific tasks to be performed by the CONSULTANT may include, but not be limited to:

1. Identify Section 4(f) Resources – Evaluate any properties affected by a project and determine applicability of Section 4(f) (publicly owned land of a public park, recreation area, or wildlife and waterfowl refuge of national, state, or local significance, or land of an historic or archeological site of national, State, or local significance).
2. Assess Section 4(f) Impacts – Research information on site ownership, recreational activity or historical significance, access and use of the site, applicable lease, easement or restriction clauses, and determine impacts for each viable project alternative. Constructive Use Section 4(f) Impacts should also be assessed, when applicable.
3. Section 4(f) Evaluations – Determine whether the project qualifies under “No Section 4(f) Use” or “Exceptions and Exemptions to Section 4(f) Approval”, or if a transportation use will occur, whether the project qualifies under a *de minimis*, Programmatic or Individual Section 4(f) Evaluation. Provide the DEPARTMENT documentation required per Section 4(f) regulations and the PD&E Manual to justify for the resulting determination for review and approval. For projects resulting in a transportation use, identify avoidance alternatives for each property affected by the project, discuss whether avoidance alternatives are feasible and prudent, and identify measures to minimize harm on each affected property including identifying potential mitigation options. Provide information for the DEPARTMENT for review and approval and coordinate the results with the public Official(s) With Jurisdiction (OWJ) for concurrence. Incorporate the findings into the SWEPT 4(f) Tool for lead agency review and approval as warranted.
4. Coordination – Includes coordination with the public and Official(s) With Jurisdiction (OWJ) over the Section 4(f) property, SHPO, and FDOT’s State Cultural Resources Coordinator or others as directed by the DEPARTMENT.
5. Identification of Section 6(f) Replacement Property – in accordance with the National Park Service (NPS) Land and Water Conservation Fund Act (LWCFA) process, as directed by the DEPARTMENT. Includes preparation of LWCFA Proposal Description and Environmental Screening Form, and coordination with FDEP and the NPS.

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6. Report Preparation - including, but not limited to, the items listed in tasks 1-5 above, and in accordance with the latest version of the FDOT PD&E Manual and Section 4(f) and Section 6(f) criteria.

7. Acquisition and Restoration Council (ARC) – to include identification of state-owned (e.g., by FDEP) conservation lands and applicability per the FDOT PD&E Manual, and preparation of supporting documentation, preparation of Presentations to the ARC, as directed by the DEPARTMENT. Task may include identification of replacement lands similar or better than the lands being acquired by the DEPARTMENT. Task likely to include coordination with the DEPARTMENT’s Right of Way Management Office.

S. Access to Private and Public Property

The CONSULTANT, as the DEPARTMENT’s agent, is authorized to gain access to private property to conduct environmental assessments and evaluations in conjunction with tasks identified in this Scope of Services. It is the responsibility of the CONSULTANT to provide reasonable notice to the DEPARTMENT and the property owner before entering such property for the purposes of said environmental evaluations and assessments. Such authority is granted by the DEPARTMENT’s District Six Project Manager, in accordance with Florida Statutes, Section 337.274, Authority of Department agent or employee to enter lands, waters, and premises of another in the performance of duties.

T. Interagency and Intra-agency Coordination and Meetings

The Consultant shall provide services as needed to support Interagency and Intra-agency Coordination and Meetings including but not limited to conducting research, collecting data, reviewing documentation prepared by others, preparing presentations and scheduling meetings, briefing and preparing FDOT Staff in support of conducting Coordination. Participate in meetings, prepare meeting notes, and updating Project files as needed.

U. Public Involvement Support

The CONSULTANT may be required to conduct various public involvement activities on behalf of the DEPARTMENT as necessary and as required by the FDOT PD&E Manual. Developing and implementing a community involvement/public information plan to assist in informing the public of transportation improvement projects.

Specific tasks to be performed by the CONSULTANT may include, but not be limited to, the following:

1. Public Involvement Plan – Prepare a public involvement plan as requested.

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2. Response to Public Inquiries – Assist in preparing responses to public inquiries as needed.
3. Plan, Schedule, and Conduct Public Involvement Meetings – Assist with planning, scheduling, and conducting virtual, in person, and hybrid meetings. Identifying affected parties, stake holders, and elected officials; sending invitations, recording attendance, and reserving meeting venues may be required as needed.
4. Audio-Visual Equipment and Displays Preparation – Consultants may be required to prepare audio-visual equipment, displays of presentation quality and presentations, including the set-up and breakdown of displays and equipment as needed. Preparation and conducting trainings as needed.
5. Public Notification – Preparation of mailing lists to include all property owners within a predetermined distance from each side of the centerline of the project or a specified buffer distance, all elected and appointed officials, applicable permit/environmental review agencies and any parties or groups with expressed interest in the project. Project newsletters or factsheets may be prepared on a per project basis as needed.
6. Media Contact – Preparation of all legal advertisements as required by Florida Statutes, including any press releases or display advertisements and communication with the media as directed and coordinated by the DEPARTMENT.
7. Hearing Transcript – Provide for the production of an official hearing transcript of a public hearing or meeting when deemed necessary by the DEPARTMENT. Also provide hearing certification and list of attendees.
8. Hearing Debriefing – To include a review with DEPARTMENT personnel, including attendance and participation in the hearings as required.
9. Project File – Maintenance of a project file to include newspaper articles, letters, etc. Preparation of a final comments and coordination report as required.
10. Documentation of Environmental Activities – Such as mitigation site construction, noise barrier construction or other activities for future public involvement use, project files and/or permit compliance reports.
11. Noise Barrier Workshop / Noise Barrier Surveys – Prepare for and conduct a noise barrier workshop, public meeting or individual public contact with affected property owners to determine desirability for proposed noise abatement measures; prepare, circulate and explain noise barrier indenture forms to affected property owners; coordinate with affected Homeowner/Property Owner Associations and perform follow-up contact to obtain input from all affected residents; assist the DEPARTMENT

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in assessing affected property owners' desirability for noise abatement structures including aesthetic preferences; assist the DEPARTMENT in making a final determination whether to construct proposed barriers and in documentation of these decisions.

12. CIA Evaluation and Coordination – Gathering, establishing and reporting community characteristics and conducting coordination towards establishing sense of community values and vision as feasible and appropriate per related FDOT projects.

13. Section 106 and Section 4(f) – prepare materials and/or attend public involvement meetings as required by Section 106 and Section 4(f) regulations.

V. Expert Witness Services

The CONSULTANT may be required to provide expert witness services for any and all Scope tasks listed in Exhibit A for legal proceedings on DEPARTMENT issues or projects. This may include but not be limited to preparation for litigation/court proceedings, answering interrogatory documents, and participation in court proceedings on behalf of the DEPARTMENT.

W. Cost Risk Analysis and/or Value Engineering (CRAVE) Support

The CONSULTANT may be required to provide environmental expertise or support to Cost Risk Analysis (CRA) and/or Value Engineering (VE) studies, or Cost and Schedule Risk Assessment (CSRA) for major projects, performed by the DEPARTMENT. This may include but is not limited to preparation for VE studies, including familiarization with environmental issues or aspects of a project, participation in a CRA, CSRA, VE or CRAVE Team Study, providing research materials for VE study results and assisting in making VE team study recommendations.

X. Quality Assurance Reviews

The CONSULTANT may be required to provide a Quality Assurance (QA) review of environmental documents or studies performed by the DEPARTMENT, its consultants, or an outside agency to ensure a quality product in compliance with all applicable standards and guidelines. This may include, but is not limited to, independent field investigation, analyses, review of federal and state environmental documents to ensure the preparation (analyses, results, conclusions, recommendations, etc.) is in accordance with the FDOT PD&E Manual and all other applicable Federal, State, and local regulations.

Y. Environmental Production Control

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The CONSULTANT may be required to aid the DEPARTMENT Project Manager on administrative functions related to environmental production control. This may include, but is not limited to: tracking the need for environmental Re-Evaluation documents at certain project milestones, determining funding type of various project phases as it relates to environmental evaluation using the DEPARTMENT'S Work Program system, coordinating with DEPARTMENT personnel to obtain updates on project schedules, activities and milestones as they relate to environmental evaluations, reviewing the DEPARTMENT'S Guaranteed Letting List and adding new projects or incorporating changes to a maintained spreadsheet or production control list received from the DEPARTMENT Project Manager, and researching the DEPARTMENT files to obtain key dates and other pertinent environmental information to complete a maintained spreadsheet or production control list.

The CONSULTANT will work with the DEPARTMENT in the development, maintenance, and updates to the various tracking tools such as SWEPT, PSEE, GIS Tools, or other programs as developed by the DEPARTMENT or by others for adoption by the DEPARTMENT.

Z. Project Development and Evaluation of Engineering Studies

The CONSULTANT may be required to assist the DEPARTMENT in development and evaluation of engineering, planning and environmental studies for transportation improvements. Tasks associated with the required engineering analysis may include evaluation of social, economic, and environmental impacts of alternative transportation improvements or systems to the extent necessary to select the best improvement to the system. CONSULTANT may be required to conduct PD&E studies and produce documents or review study documents produced by others. Social evaluations described in the FDOT PD&E Manual and CIA Guidelines (latest version) may require developing and implementing a community involvement/public information program to assist in informing the public of the status and impacts of a transportation improvement. All work is to be accomplished in accordance with the FDOT PD&E Manual. Some reports are required to be signed, dated, and sealed by the CONSULTANT in accordance with Chapter 471 F.S.

In addition to specific environmental studies and public involvement activities described in this Scope the CONSULTANT may be required to provide the following professional services for engineering review and evaluation. The CONSULTANT shall ensure that all preliminary engineering plans and documents are prepared in accordance with the latest standards adopted by the DEPARTMENT. Deliverables shall be accurate, legible, complete, drawn to scale and furnished in reproducible formats acceptable to the DEPARTMENT and may include any of the following:

1. Engineering Data Collection
2. Corridor Analysis

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3. Conceptual Design Analysis
4. Comparative Design Analysis
5. Traffic Counts
6. Pedestrian, Bicycle and/or Multimodal Counts
7. Crash Data/Safety Analysis
8. Design Concept Plans
9. Traffic Data for Air/Noise Analysis
10. Video Productions
11. Cost Estimates
12. Base Conceptual Plans by plotting existing right-of-way, street names, cultural and natural resources, land uses, property lines, etc.
13. Location and/or Bridge Hydraulic Studies/Reports
14. Conceptual Drainage Design
15. Final/Preliminary Engineering Report(s)
16. Project Concept Summary
17. Landscape Design/Planting and/or Relocation Plans
18. The CONSULTANT may be required to prepare, evaluate and/or review alternative design concepts for constructability and/or segmentation.
19. The CONSULTANT may be required to prepare and analyze design concepts to minimize environmental impacts, balance against project costs and public necessity. Estimated costs shall include but not be limited to rights-of-way, mitigation, construction, and long-term maintenance to ensure selection of the optimum transportation improvement system.
20. The CONSULTANT may be required to develop, review and/or critique conceptual Traffic Control Plans (TCP) and/or project-specific Temporary Traffic Control Plan (TTCP) as necessary in the PD&E or final design process for:
 - a. Constructability,
 - b. Ease of implementation and safety,
 - c. Analysis of existing traffic data,
 - d. Evaluation of existing movements and access requirements, and
 - e. Advise and consult with the DEPARTMENT on engineering questions with respect to project design intent.

AA. Enterprise Electronic Data Management System (EEDMS)

The DEPARTMENT will provide the CONSULTANT with the PLEMO Guidelines for filing in support of EDMS processes and other related documents. The CONSULTANT will comply with the FDOT Procedure Topic 325-080-003 – Electronic Data Management Systems (EDMS) Requirements and with all requirements of Chapter 1B-26.003 F.A.C. – Electronic Record Keeping, or other revisions/related guidance which establishes minimum technical requirements.

The CONSULTANT will provide personnel proficient in the use of computers and scanner operation to prepare documents for input into EDMS. The CONSULTANT must adhere to

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all requirements posted on the DEPARTMENT'S website for EDMS. Duties will include scanning and supporting the DEPARTMENT with attributing documents that are to be archived electronically.

The CONSULTANT will schedule and attend EDMS informational meeting(s) with the DEPARTMENT and provide appropriate staff to attend and participate as necessary.

BB. In-House Staff Support and Clerical/Consultant Services

The CONSULTANT may be required, on an as needed basis, to provide personnel to conduct scope related clerical and/or consulting services directly from the District Six Miami premises. These services may include any of the labor categories negotiated under the terms of this Contract; to include senior personnel on an anticipated limited basis and middle/technician to clerical level personnel on a more frequent basis. Clerical services in support of the PLEMO staff as it relates to management of project documentation, filing, scanning, communication, and correspondence preparation may be required. The CONSULTANT will act in this capacity as an extension of FDOT and its staff.

CC. Environmental NEPA Compliance Program Support

The CONSULTANT will aid the DEPARTMENT as needed in inspection, monitoring, communication and coordination regarding environmental NEPA compliance associated with Construction Phase projects. Task includes tracking NEPA commitments and updating the Project Commitment Record in SWEPT. Task also includes coordination with the DEPARTMENT's Design and Construction Project Managers to discuss responsible parties and requirements for each of the NEPA project commitments.

DD. GIS, Mapping and Technology Services

The CONSULTANT may be required to develop, manage and/or ground truth GIS datasets, prepare and print various types of analyses, codes, maps, or documents from data including, but not limited to, the DEPARTMENT'S Work Program datasets and/or other datasets. Provide capability to produce interactive maps, map charts or 3D GIS Models or other emerging technologies such as real time telemetry and data from wildlife monitoring technology, drones or other mobile UAV units or satellites that may be useful for DEPARTMENT programs, projects, work program data management and analysis or other purposes.

Introduce and assist with implementing new cost and/or time saving (or efficiency enhancing) technologies with the DEPARTMENT for FDOT project work activities such as aerial and underwater drones or other mobile UAV units, and Environmental DNA (eDNA) studies.

EE. Landscape Architecture

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The CONSULTANT may be required to provide professional Landscape Architectural expertise to coordinate, review, report, plan, design, and inspect miscellaneous transportation landscape projects and any other miscellaneous tasks associated with Landscape Architecture issues of the DEPARTMENT as requested. May include aesthetic design treatments, mangrove impacts such as pruning or similar, coordination with wildlife surveys by the CONSULTANT or others, or other potential services.

FF. State Historic Highways

The CONSULTANT may be required to provide support, be knowledgeable of, and assist with coordination as needed, and prepare or assist with preparation of transmittal letters to the FDHR summarizing pertinent engineering, landscaping, cultural resource, public involvement, or other applicable information, for DEPARTMENT involving State Historic Highways (SHH's) in District Six. These letters will summarize project design, engineering, landscape or other necessary analyses, agency coordination, and required public involvement activities which have occurred for the project, in anticipation of approval for project improvements on the SHH from the FDHR. The CONSULTANT may be required to provide analysis of project design impacts and/or justification for roadway, landscape, or other corridor modifications under the SHH law.

IV. DEPARTMENT RESPONSIBILITIES

The DEPARTMENT will provide guidance in documentation preparation including review and commentary of draft reports and will provide all necessary assistance and interagency coordination.

In addition, the DEPARTMENT will maintain close contact with the CONSULTANT to ensure that major purchases are not incurred for materials, goods and services that can be provided by the DEPARTMENT.

V. SUBCONTRACTING

Due to the nature and scope of the required services, it may be necessary for the CONSULTANT to subcontract portions of the specialized environmental work, public involvement, cultural and archaeological resource assessments, computer modeling, etc. The subcontracted firm(s) must be approved and qualified by the DEPARTMENT prior to the initiation of any work.

The CONSULTANT shall be fully responsible for the satisfactory completion of all subcontracted work.

VI. PROJECT ASSIGNMENTS

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Individual projects shall be assigned on an as needed basis. For each project, the CONSULTANT will be required to respond with a written proposal of the tasks to be conducted as well as a staff-hour and cost estimate (personnel, job classification, areas of specialty, percent of time devoted to task(s) and estimated cost). The CONSULTANT will help the DEPARTMENT develop schedules for assignments. Once the DEPARTMENT and the CONSULTANT agree as to the services to be performed, the schedule, and the associated costs, the DEPARTMENT Project Manager shall furnish the CONSULTANT with a Letter of Authorization or Task Work Order. Unless the work is required in response to an emergency declaration by the Secretary of the Department of Transportation, no work shall be commenced by the CONSULTANT until receipt of a Letter of Authorization/Task Work Order. Use of DocuSign or other DEPARTMENT specified software, or online services will also be required.

Copies of all correspondence and memoranda regarding coordination with agencies and the public will be provided to the DEPARTMENT either in written format or electronic transmission as directed. Frequent telephone or online conferencing contact will be maintained with the DEPARTMENT’S Project Manager as well as other key personnel in both the District and Central Offices of the DEPARTMENT. Documents and other products of services provided under this contract shall be reviewed for Quality Control (QC) by the CONSULTANT prior to submittal to the DEPARTMENT. Quality Assurance (QA) documentation of the CONSULTANT’S QC of submittals shall be provided upon request by the DEPARTMENT.

The CONSULTANT will submit progress reports to the DEPARTMENT Project Manager monthly in the manner specified by the DEPARTMENT. Monthly progress meetings will be held throughout the course of the project.

VII. COMPUTER SERVICES

The CONSULTANT may utilize any of the latest DEPARTMENT approved applicable software. The CONSULTANT may be authorized to use the following computer programs, or their updated or superseding versions, or agency protocols including but not limited to:

For Accident Data:	Signal Analytics
For Noise Analysis:	TNM
For Air Quality Analysis:	MOVES CAL3QHC COFLORIDA 2012
For Hydraulics of Bridges:	HEC-RAS
For Storm Drain Tabulation And Attenuation:	ICPR

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Two- and three-dimensional design and drafting: Microstation GeoPAK

For Surface Water Profile: WSPRO

For Wetlands Analysis: WRAP
WATER
UMAM

VIII. STANDARDS AND GUIDELINES FOR WORK

In addition to all Laws, Regulations, Standards, and Guidelines previously mentioned, all work will conform to the following.

- A. PD&E Manual, including the latest revisions
- B. 23 CFR 771, Environmental Impact and Related Procedures
- C. Section 106 of the National Historic Preservation Act, as amended
- D. F.S. Chapter 267, Historic Preservation
- E. 49 U.S.C. Section 303 (formerly Section 4(f) of the US DOT Act)
- F. F.S. Chapter 373, Water Resources
- G. F.S. Chapter 339, Transportation Finance and Planning
- H. 42 U.S.C. National Environmental Policy Act (NEPA)
- I. 33 U.S.C. 1344 Section 404, Clean Water Act
- J. 33 U.S.C. 403 Section 10, Rivers and Harbors Act of 1899
- K. All other applicable Department Procedures and Directives and their updates

IX. METHOD OF COMPENSATION

Payment for the work accomplished will be in accordance with Exhibit B of this Contract. Invoices shall be submitted to the DEPARTMENT for review and processed through the Contract Invoice Transmittal System (CITS) in a format prescribed by the DEPARTMENT. The DEPARTMENT Project Manager and the CONSULTANT shall monitor the cumulative invoiced billings to ensure the reasonableness of the billings compared to the project schedule and the work accomplished and accepted by the DEPARTMENT.

X. GLOSSARY OF TERMS

- Advance Notifications (AN)
- Advisory Council on Historic Preservation (ACHP)
- Area of Potential Effect (APE)
- Aquatic Preserves (AP)
- Acquisition and Restoration Council (ARC)
- Board of County Commissioners (BOCC)
- Computer Aided Design and Drafting (CADD)

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Comprehensive Everglades Restoration Plan (CERP)
Contamination Screening Evaluation Reports (CSER)
Community Impact Assessment (CIA)
Contract Invoice Transmittal System (CITS)
Cost Risk Analysis and/or Value Engineering (CRAVE)
Cultural Resources Assessment Survey (CRAS)
FDOT Cultural Resources Management (CRM) Handbook
Efficient Transportation Decision Making (ETDM)
Electronic Data Management Systems (EDMS)
Electronic Review and Comments (ERC)
Enterprise Electronic Data Management System (EEDMS)
Environmental Screening Tool (EST)
Environmental Technical Advisory Team (ETAT)
Essential Fish Habitat (EFH)
Federal Highway Administration (FHWA)
Federal Transit Authority (FTA)
Florida Administrative Code (F.A.C.)
Florida Statutes (F.S.)
Florida Department of Environmental Protection (FDEP)
Florida Department of Health and Rehabilitative Services (FDHRS)
Florida Department of Transportation (FDOT)
Florida Division of Historical Resources (FDHR)
Florida Fish and Wildlife Conservation Commission (FWC)
Florida Geographic Data Library (FGDL)
Florida Master Site File (FMSF)
Geographic Information System (GIS)
Intergovernmental Coordination and Review (ICAR)
Land and Water Conservation Fund Act (LWCFA)
Local Agency Program (LAP)
Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA)
Memorandum of Agreements (MOA)
Transportation Planning Organizations (TPO)
Modified Water Deliveries (MWD FKA MOD Waters)
National Environmental Policy Act (NEPA)
National Historic Preservation Act (NHPA)
National Oceanic and Atmospheric Administration National Marine Fisheries Services (NMFS)
National Park Service (NPS)
National Register of Historic Places (NRHP)
Natural Resources Conservation Service (NRCS)
Natural Resources Evaluation (NRE)
Noise Study Report (NSR)
Office of Environmental Management (OEM)
Official with Jurisdiction (OWJ)
Outstanding Florida Waters (OFW)
Planning and Environmental Management Office (PLEMO)

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Preliminary Environmental Discussions (PED)
Project Development & Environment (PD&E)
Project Suite Enterprise Edition (PSEE)
Quality Assurance (QA)
Quality Control (QC)
Requests for Proposal (RFP)
Sole Source Aquifers (SSA)
State Historic Highways (SHH)
State Historic Preservation Officer (SHPO)

Statewide Environmental Project Tracker (SWEPT)
South Florida Water Management District (SFWMD)
Tribal Historic Preservation Officer (THPO)
U.S. Army Corps of Engineers (USACE)
US Environmental Protection Agency (EPA)
U.S. Fish and Wildlife Service (FWS)
Water Quality Impact Evaluation (WQIE)