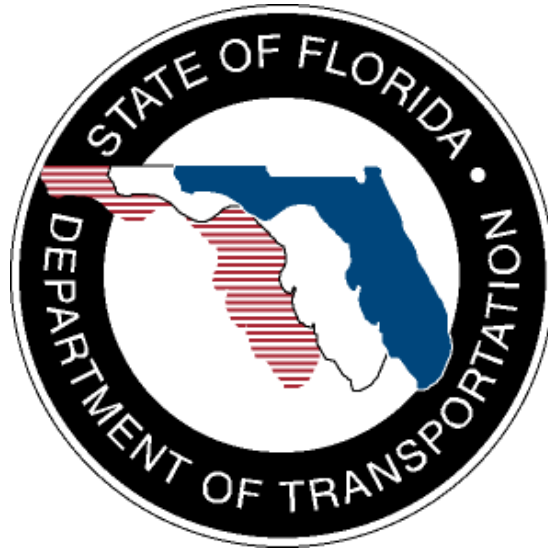


**State of Florida  
Department of Transportation**



**EXHIBIT "A", SCOPE OF SERVICES**

**RFP-DOT-12/13-6136HO**

**TO PROVIDE DISTRICTWIDE MISCELLANEOUS  
TASKS RELATED TO MITIGATION SITE  
DEVELOPMENT, MAINTENANCE AND  
MONITORING SERVICES FOR THE FLORIDA  
DEPARTMENT OF TRANSPORTATION (FDOT),  
DISTRICT SIX**

**PROJECT/PROPOSAL NUMBER: RFP-DOT-12/13-6136HO  
FINANCIAL PROJECT NUMBER: 250668-2-22-01**

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**A. DESCRIPTION**

The Florida Department of Transportation (FDOT) District Six, hereinafter referred to as the DEPARTMENT, is committed to conducting the mitigation required by federal and state regulatory agency permits and regulations to offset unavoidable environmental impacts resulting from the DEPARTMENT's road and bridge projects. CONSULTANT services are required for miscellaneous tasks related to mitigation in the following areas: mitigation planning and design, mitigation site development, mitigation site maintenance, mitigation site monitoring, mitigation site remediation, report preparation, and other related tasks on a District-wide basis.

**B. OBJECTIVE**

The DEPARTMENT's District Six, (comprised of Miami-Dade and Monroe counties) desires to obtain assistance from a CONSULTANT to perform the broad range of tasks District-wide, related to mitigation. Services are required in the following areas: mitigation planning and design, mitigation site development, mitigation site maintenance, mitigation site monitoring and mitigation site remediation. Services are needed for ongoing mitigation already in progress, and for new mitigation projects. Additional services for this contract are support tasks related to the mitigation services, including but not limited to:

- producing annual mitigation site monitoring reports
- agency coordination
- permitting or permit modification of mitigation sites
- control and removal of nuisance/exotic vegetation within mitigation sites and at select locations in Florida Department of Transportation (FDOT) Right of Way
- conducting surveys and studies of plant or animal species or other resources in project areas of potential impact or on mitigation sites
- trapping of endangered and threatened animal species to determine presence/absence
- conducting relocation of plant or animal species
- in-house general support related to tracking of the mitigation projects and other office support
- any other mitigation service that may be requested by the DEPARTMENT.

**C. CONSULTANT RESPONSIBILITIES**

The CONSULTANT shall be proficient in the biological and natural sciences, and shall include specialists in the following areas: mitigation planning and design, site development, and monitoring. Additionally, the CONSULTANT shall be knowledgeable about South Florida ecosystems, ecologically valuable or endangered flora and fauna, environmentally sensitive areas (wetlands, hammocks), survey and relocation methodology for plant and animal resources, hydrological analysis, vegetation establishment methods, exotic vegetation removal, and environmental agency coordination. Tasks of each of these and other related topical areas are further described below, in Section D. SERVICES.

All work conducted under this contract shall be coordinated with and supervised by the DEPARTMENT's Project Manager (or his/her designee). All authorizations and approvals shall be in writing and executed by the DEPARTMENT prior to the commencement of

work.

The Project Manager is:

*Susanne Travis, Assistant Environmental Permits Coordinator  
Florida Department of Transportation, District Six  
1000 Northwest 111 Avenue,  
Drainage Office, Room 6211  
Miami, Florida 33172*

The following persons in addition to the Project Manager are authorized to issue Letters of Authorization initiating services under this contract:

*John Palenchar, District Environmental Permits Coordinator*

#### **D. SERVICES**

The CONSULTANT shall provide any one or more of the following services contained herein, as required by the DEPARTMENT. Specific procedural guidance will be provided by the DEPARTMENT upon assignment of each task.

##### **1. MITIGATION PLANNING AND DESIGN**

- a) The investigation of mitigation alternatives may be needed. This task includes wetland or upland mitigation as well as mitigative efforts which may be required for listed species, Essential Fish Habitat, or other mitigative actions as required by permit or by an environmental regulation. This task may include wetland impact analysis by habitat type and impact amount, analysis of avoidance and minimization alternatives, assessment of suitable alternative wetland mitigation sites, and coordination with regulatory agencies. This may also entail investigation of mitigation funds, banks or trust funds which have appropriate credits available. A written report detailing mitigation alternatives and recommended action may be required.
- b) The CONSULTANT may be required to prepare mitigation site construction plans for mitigative efforts, particularly wetlands or upland mitigation. Services may include, but not be limited to, plans preparation, geotechnical investigation, preparation of contract documents, and interagency coordination. The plans must be signed and sealed by an engineer, registered as a Professional Engineer (P.E.) in the State of Florida.

##### **2. MITIGATION SITE DEVELOPMENT**

The CONSULTANT may be required to implement mitigation site development. This activity may include, but may not be limited to the following:

- a) Site preparation including survey, clearing and grubbing, earthwork, etc.
- b) Soil amendment
- c) Re-vegetation (planting) of the site including transplanting of desirable

vegetation from other sites.

### 3. MITIGATION SITE MAINTENANCE

The CONSULTANT shall be responsible for the maintenance of District Six mitigation. The maintenance activities are required to ensure the mitigation areas are in compliance with the environmental permits or environmental commitments. These activities may include, but may not be limited to the following:

- a) Manual or mechanical removal of nuisance/exotic species within a mitigation site or within the DEPARTMENT'S Right-of-Way (R/W).
- b) Manual or mechanical trimming of desirable vegetation. Any mangrove trimming must be supervised by a Professional Mangrove Trimmer as defined in the 1996 Mangrove Trimming and Preservation Act, Section 403.9329 Florida Statutes (F.S.).
- c) Removal and disposal of dead or decaying plants.
- d) Removal and disposal of non-hazardous solid waste.
- e) Herbiciding of nuisance or exotic species within a mitigation site. The CONSULTANT shall be selective in herbicide application procedures (i.e.: hand spraying, wiping) to assure survivability of planted species. Herbiciding will be performed by a Florida Department of Agriculture licensed commercial applicator certified in Aquatic Pest Control application (Right-Of Way Certification is strongly recommended). **All herbicide application must be supervised by a certified herbicide applicator. A copy of at least one herbicide applicator's license must be provided when submitting the proposal or it will be deemed non-responsive.**
- f) Application of water to planted species if needed during the establishment period.
- g) Mowing, fertilizing, mulching, seeding, etc. to enhance plant growth in a mitigation area.
- h) Removal of tags, guy wires, stacks or other features from plantings subsequent to the establishment period.
- i) Design, construction, and placement of signage to identify a site as a mitigation area.

### 4. MITIGATION SITE MONITORING

The CONSULTANT will monitor the mitigation sites and prepare reports in accordance with the specific conditions of the environmental permits and in the format specified and/or approved by the DEPARTMENT's Project Manager. Monitoring duties may include, but may not be limited to the following:

- a) The CONSULTANT will be responsible for taking all field measurements, establishing permanent monitoring stations and

photographic stations, and collection of any other field data required for the permit or requested by the DEPARTMENT's Project Manager.

- b) The CONSULTANT may be required to provide inspection services during construction on mitigation sites. The CONSULTANT will determine during these inspections if the construction contractor is complying with the environmental permits issued for the project, the construction plans, and/or other environmental commitments. The CONSULTANT will report non-compliance activities immediately to the DEPARTMENT's Project Manager or designee with corrective action recommendations. Inspection results will also be provided in a prior approved format to the DEPARTMENT's Project Manager.
- c) The CONSULTANT will, in some cases, assess the overall success and function of the mitigation area in the form of a "time zero" report.
- d) The CONSULTANT will be responsible for compiling the field data, photographs, and other supporting information into a written report. This report shall be prepared in accordance with the specific permit conditions and in a format approved by the DEPARTMENT Project Manager. A draft copy of the report will be submitted to the DEPARTMENT Project Manager prior to finalization of the report. The specified number of copies of reports must be submitted to the DEPARTMENT Project Manager. If photographs are included, the DEPARTMENT must receive positive prints or good quality copies. It will be the DEPARTMENT's responsibility to submit the report to the permitting agencies.
- e) The CONSULTANT shall inspect the mitigation area for the presence or invasion of nuisance/exotic species as defined in Chapter 17-3.021 (19) F.A.C. If they are observed, the CONSULTANT will submit recommendations for control or eradication to the DEPARTMENT's Project Manager.
- f) The CONSULTANT will, in some cases, provide monitoring in the form of aerial videos or aerial photography. The aerial photography shall be provided in CD-ROM format and coordinated with the DEPARTMENT'S GIS Coordinator to insure compatibility with the DEPARTMENT's database.

## 5. **MITIGATION SITE REMEDIATION**

The CONSULTANT shall analyze mitigation plans or sites, prepare planting schemes, and implement reconstruction and/or replanting for remediation of mitigation sites which do not meet permit requirements or are deficient by DEPARTMENT standards. The remediation plan(s) must comply with federal, state, and local (if applicable) environmental permit requirements. Specific tasks necessary for the completion of the planting schemes and reconstruction of the mitigation may include, but are not limited to:

- a) Conduct field review(s) at the mitigation site to assess existing conditions.

- b) Recommend corrective actions if the mitigation is not functioning as designed. This may involve development of remediation plan(s) which may include changes in plant species, elevations, levels of water supply (hydrology), quantities, location, etc. The plan(s) may also include earthwork requirements relating to construction activity etc. The remediation plans shall be accurate, legible, complete in design, and drawn to scales acceptable to the DEPARTMENT. Construction plans shall be prepared to include as required, but not be limited to: plotting of all survey data, the preparation of the key sheet, summary of quantities (including Computation Book), plan profiles, construction staging areas, storage site(s) for suitable fill material removed from the site(s), soil survey, cross-section (including earthwork computation), cross section pattern, maintenance of traffic, utility adjustment, temporary roads and bridges as needed, and other detail sheets necessary to convey the intent of the mitigation plan. For recommendations concerning the plans preparation, the CONSULTANT shall refer to the latest edition of the Florida Department of Transportation (FDOT) Plans Preparation Manual.
- c) Determine the best method to eradicate/control exotic or nuisance vegetation.
- d) Coordinate with appropriate environmental agencies as necessary at the direction of the Project Manager.
- e) Identify areas of the DEPARTMENT's Right-of-Way (R/W) either existing or proposed, in which to conduct mitigation.
- f) Prepare preliminary estimates for construction and/or for the supplemental planting for the remediation plan.
- g) Coordinate and be responsible for all supervision, labor, materials, tools, and equipment needed to fulfill the requirements of the remediation plan(s).
- h) The CONSULTANT must be prepared to inspect final grades in the planting area(s) and direct minor adjustments if necessary to insure planting success.

## 6. **BENTHIC SURVEYS**

The CONSULTANT shall be required to perform benthic surveys to determine the presence/absence of Submerged Aquatic Vegetation and other benthic resources. All diving operations must be done by divers with the required level of certification needed to perform the required tasks.

**All Scientific Diving (OSHA Regulations 29 CFR 1910.401 (a) (2) (iv)) shall be performed by divers certified by a recognized diving certification agency (e.g., AAUS, NOAA, US military, NAUI, PADI, IANTD, SSI, TDI, YMCA, etc.). A copy of certifications for all proposed dive staff must be provided when submitting the proposal or it will be**

deemed non-responsive.

## 7. CORAL RELOCATION

The CONSULTANT shall be required to perform relocation of hard coral colonies as the need arises. This task shall include but not be limited to:

- a) Surveying areas to be impacted in accordance with regulatory agency requirements and documenting the presence/absence of all hard corals.
- b) Developing a relocation plan to present to environmental agencies.
- c) Coordinating with and obtaining permits from responsible agencies.
- d) Performing the permitted relocation activity.
- e) Documenting the relocation effort and monitoring the relocated coral colonies.

## 8. LAB ANALYSIS

The CONSULTANT may be required to conduct water, soil, and plant analysis for determination of mitigation failure or other permit conditions. Additionally, compilation, synthesis, and interpretation of existing data from various sources may be required. Water, soil, and plant analysis for laboratory testing will be identified on a case by case basis and will be paid for as outlined in **Exhibit "C" Contract Price Proposal (Section 5)**. Specific tasks to be performed by the CONSULTANT may include, but may not be limited to:

- a) Collection of surface water, ground water, well water, soil, and plant samples in freshwater and/or saltwater environments.
- b) Analysis of water, soil, and plant samples for metals, physical, organic, and inorganic constituents, microorganisms, dissolved oxygen content, or other parameters as required: *The laboratory shall be certified by one or all of the following agencies: Florida Department of Environmental Protection (FDEP), Florida Department of Health and Rehabilitative Services (FDHRS), and/or the United States Environmental Protection Agency (USEPA)*. Sampling and analytical services by the CONSULTANT shall be in compliance with the latest edition of Standard Methods for the Examination of Water and Wastewater, or approved *USEPA* methodology.
- c) The CONSULTANT will be required to present to the DEPARTMENT, a report containing all pertinent data obtained for the specific task. The report will contain interpretative and descriptive information addressing samples collected, methodology, quality control documentation, interpretation, and recommendations, along with all raw data and a graphic depicting sampling locations.



## 9. MISCELLANEOUS

### a) DOCUMENTATION OF ENVIRONMENTAL ACTIVITIES

The CONSULTANT may be asked to provide documentation of mitigation activities through the use of audio visual aids such as photographs, slides or power point, video, or computer imaging for such activities as mitigation site construction, mitigation site documentation, time zero reports, or other environmental activities for future public involvement use. Project files and/or permit compliance reports shall be produced by the CONSULTANT.

### b) LITERATURE SEARCHES, BACKGROUND RESEARCH, MANUAL PREPARATION, AND TRAINING ON MITIGATION OR ENVIRONMENTAL COMPLIANCE ISSUES

The CONSULTANT may be required to research permitting legislation, scientific reports, existing regulations relevant to permit conditions or other information pertinent to mitigation or environmental compliance needs of the DEPARTMENT. All data collected will be presented to the DEPARTMENT in a report format which is to include, but not be limited to: sources utilized, data or information collected, interpretation and discussion of the findings, and recommendations as appropriate. The CONSULTANT may also be required to present the data collected to DEPARTMENT staff members or to other parties involved in the permitting or implementation of permits for DEPARTMENT projects.

The CONSULTANT may be required to develop and/or update informational or training manuals to be utilized by DEPARTMENT staff, design consultants, or contractor consultants to facilitate the permit compliance and/or successful mitigation of DEPARTMENT projects. The CONSULTANT may be required to present the information included in the manual to DEPARTMENT staff members or other parties involved in the permit or environmental compliance. All such manuals or presentations are to be done under the direction and approval of the Project Manager. The CONSULTANT may be required to provide training or presentation to the construction staff on permit or mitigation compliance issues.

### c) MITIGATION COMPLIANCE TRACKING SERVICES

The CONSULTANT may be required to assist the DEPARTMENT with the development and/or updating of computer programs, spreadsheets or other techniques utilized to track the status of permit conditions, mitigation requirements and/or reports, environmental commitments, or other permit compliance documents or schedules. This task includes the creation, and collection of GIS data.

All GIS data shall be collected and organized in accordance with the FDOT Geographic Information Systems Policy (Topic No 000-0110-002-a). All GIS data should be designed and created to be fully integrated into the District Six GIS Enterprise and with a long-term maintenance and update

plan. Prior to creating georeference data, the CONSULTANT shall evaluate the database available through the DEPARTMENT GIS Enterprise and/or the Florida Geographic Data Library (FGDL) and use them if the level of detail and accuracy is sufficient for the analytical needs of the project. The CONSULTANT may be required to use the latest version of ArcGIS software. Should the CONSULTANT desire to use any other programs of the DEPARTMENT, permission must be granted in accordance with this agreement.

**d) SURVEY SERVICES**

The CONSULTANT may be required to acquire and/or provide survey information to be utilized for the production of permit sketches or mitigation plans, verification of elevations for mitigation sites or wetland areas adjacent to or within construction sites, or other sites relevant to the successful permitting or mitigation of a Florida Department of Transportation (FDOT) District Six construction project.

**e) PERMIT APPLICATIONS/MODIFICATIONS**

The services performed by the CONSULTANT may consist of obtaining and/or partially assisting in obtaining environmental regulatory agency permits for DEPARTMENT mitigation, construction, or maintenance projects. The CONSULTANT may obtain modifications to existing permits or may obtain new permits for unanticipated construction needs.

All Public Notices to be advertised in the newspapers will be done so by the DEPARTMENT. All Permitting Fees, when applicable, will be paid by the DEPARTMENT. The identification of adjacent property owners will be the responsibility of the DEPARTMENT.

The CONSULTANT shall maintain project files containing field notes, meeting minutes, telephone logs, as well as photocopied permit applications and subsequent completeness summaries.

**f) QUALITY ASSURANCE REVIEWS**

The CONSULTANT may be required to provide a quality assurance review of environmental permit documents, landscape or mitigation plans, mitigation documentation files, or studies performed by the DEPARTMENT or its other Consultants to insure a quality product in compliance with all applicable standards and guidelines.

**g. ENDANGERED AND THREATENED SPECIES AND OTHER WILDLIFE STUDIES**

The services performed by the CONSULTANT may consist of, but not be limited to: performing a field survey for threatened and endangered species to identify those federally and state listed species and critical habitats present within the area affected by a project, mitigation site or staging area. Services may include live-trapping or other monitoring techniques to determine species occurrence and density for specific endangered or threatened species. Additionally, the compilation, synthesis and

interpretation of existing data from various sources may be necessary. An Endangered Species Biological Assessment (ESBA) or other appropriate report will be prepared containing sufficient data relative to the construction area. CONSULTANT services will be in compliance with applicable Federal, State, and local regulations including the Endangered Species Act of 1973 (as amended 1978).

The ESBA or other report deemed more appropriate for mitigation or permit compliance purposes will contain all data used and generated in the study, survey methodology, results of the study, and a discussion of conclusions, findings and recommendations including mitigative measures that might be necessary to acquire permits for the project or avoid conflicts during construction. The CONSULTANT may be asked to include in the report other wildlife which is not endangered or threatened. Data shall be reported in a manner which allows for easy interpretation. Quality control will be documented.

**h. HYDROLOGICAL STUDIES**

The CONSULTANT may be required to conduct hydrological studies to determine the effectiveness or suitability of a mitigation site design as to site elevations or hydrological exchange or connectivity.

**i. WORK PROGRAM SUPPORT**

The CONSULTANT may be required to provide part time staffing at the District Six headquarters as needed by the DEPARTMENT to support the Environmental Permitting Unit. Specific procedural guidance will be provided by the DEPARTMENT upon assignment of each task. All services must conform to any current federal, state, and local laws, procedures, standards, and guidelines. The work will include, but is not limited to: providing office support related to project document and correspondence filing, scanning, and document formatting/preparation.

**E. PERSONNEL STANDARDS**

The CONSULTANT shall submit signed, dated resumes of all personnel working on this contract, including proposed SUB-CONSULTANTS. The following job classification standards have been identified and/or defined by the DEPARTMENT. Exceptions to these standards will be considered on an individual submittal basis:

**1. Project Manager**

Must have at a minimum, a Master's Degree in Natural Science or other related field and five (5) years experience in South Florida ecosystems, OR a Bachelor's Degree in Natural Science or other related field with eight (8) years of experience in South Florida ecosystems. This experience shall include identification of native flora and fauna, invasive exotic species and endangered species. The Project Manager must also have a minimum of eight (8) years of experience in the required mitigation services, preferably with FDOT projects and with those environmental agencies responsible for Miami-Dade and Monroe Counties.

2. **Senior Environmental Scientist**

Must have at a minimum, a Master's Degree in Natural Science or other related field and four (4) years experience in South Florida ecosystems, OR a Bachelor's Degree in Natural Science or other related field with six (6) years of experience in South Florida ecosystems. (This experience shall include identification of native flora and fauna, invasive exotic species and endangered species.) The Senior Environmental Scientist also shall also be knowledgeable about planting of trees and other vegetation and/or experienced in environmental mitigation, monitoring and compliance.

3. **Environmental Scientist**

Must have at minimum a Bachelor's Degree in Natural Science or other related science field and two (2) years of experience in South Florida Ecosystems. (Work experience as described above for Senior Environmental Scientist).

4. **Environmental Technician/Inspector**

Must have at minimum a Bachelor's Degree in Natural or Physical Sciences.

5. **Landscape Inspector**

Must have an Associate's Degree in either landscape architecture or horticulture and two (2) years of experience in landscape design, plant nursery work or mitigation work; or five (5) years of work experience as described. The Landscape Inspector must be able to inspect items such as delivered plant material, tree installation, and condition of plants at mitigation sites and have knowledge of South Florida Ecosystems.

6. **Licensed Herbicide Applicator**

Must have CORE license and Aquatic Certification for Pesticide/Herbicide application. Right-of-Way (R/W) Certification is strongly recommended. Non-licensed applicators must be charged at a lower rate and may only work under the supervision of a licensed applicator (maximum of three (3) uncertified workers per licensed applicator).

7. **Geographic Information Systems (GIS) Analyst**

Must have at a minimum an Associate's degree in Geographical Information Systems (GIS), or similar discipline and two (2) years of professional work experience in GIS including: Knowledge of GIS concepts, principles, and practices and the ability to analyze GIS data; Knowledge of GIS software and related hardware; GIS database management creation and administration, spatial analysis, and the relationships between different types of spatial data; Experience with geographic/cartographic sciences, knowledge of coordinate system, projections, and geo-referencing techniques.

8. **Draftsperson**

Must have at a minimum an Associate's degree in computer programming, graphic design, Geographical Information Systems (GIS), Computer-aided Drafting and Design (CADD) or similar discipline and two years professional work experience.

9. **Clerical**

Must have at a minimum a high school diploma and two years work experience or equivalent.

10. **Other Licenses or Certifications**

- a) Certified Diver – Must fulfill the required level of certification needed to perform the required tasks.
- b) Professional Engineer registered in the State of Florida.
- c) Professional Land Surveyor Registered in the State of Florida
- d) Professional Mangrove Trimmer as defined in the 1996 Mangrove Trimming and Preservation Act, Florida Statutes (F.S.) Section 403.9329

If senior personnel are changed during the course of the project, documentation for the individuals who will replace these professionals must be provided by the CONSULTANT for review and approval by the DEPARTMENT's Project Manager; prior to that person providing services to the DEPARTMENT.

**F. ADDITIONAL CONSULTANT RESPONSIBILITIES**

The CONSULTANT shall be responsible for abiding by the following agreements as part of this contract.

- 1. All work authorized in Florida Department of Transportation, District VI which includes the counties of Miami-Dade and Monroe will be paid as local, unless travel is in excess of one hundred (100) miles one way. Travel in excess of one hundred (100) miles one way, when authorized shall be reimbursed in accordance with DEPARTMENT published procedures and Section 112.061 F.S. There shall be no payment for personnel or equipment mobilized or demobilized from a site outside of the District.
- 2. If monitoring must be extended beyond the interval specified in the permits due to deficiencies in supplemental plantings installed under this contract, the additional monitoring reports shall be done at the CONSULTANT's expense.
- 3. The CONSULTANT must replace planted species in a mitigation project or RIGHT OF WAY (R/W) area which are injured beyond recovery by activities conducted by the Prime Consultant or subconsultants.
- 4. The damaged plants shall be replaced with like-sized plants of the same species at the CONSULTANT's expense. Likewise, the CONSULTANT must replace or provide compensation for existing desirable vegetation within the mitigation or landscape site if it is injured beyond recovery from the Prime Consultant's or subconsultant's activities. Plants which do not show signs of recovery within one growing season or less will be considered "injured beyond recovery".
- 5. The Project Manager must certify each site to be in compliance before payments are made. The CONSULTANT must request a final inspection following each maintenance activity with the Project Manager.

6. Except for miscellaneous expenses listed in the Unit Prices in **Exhibit "C" Contract Price Proposal (Sections 1 through 5)**, the cost of all travel, labor, materials, etc. necessary to perform maintenance, shall be included in the maintenance pay items.
7. All plant material shall be Florida No. 1 or greater as set forth by the Florida Department of Agriculture's "Grades and Standards for Nursery Plants."
8. For all plantings installed under this contract, a one-year establishment period will begin, in which time, a one hundred percent (100%) survival rate must be maintained. Any plant showing indication of probable non-survival or lack of vigor and health, or which does not exhibit the characteristics and conditions as to still qualify for the grade as originally specified shall be replaced within a period of one week from the time written notice is given to the CONSULTANT by the DEPARTMENT and survival of the additional plantings shall be guaranteed for one year.
9. 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.
10. The DEPARTMENT will be allowed the opportunity to have a representative at all meetings and/or field reviews between the CONSULTANT and regulatory agencies and shall review and be copied on all correspondence between the CONSULTANT and the regulatory agencies.
11. All plans and designs are to be prepared in accordance with latest Standard Specifications adopted by American Association of State Highway & Transportation Officials (AASHTO) and FDOT, directions from the District Geotechnical Engineer, and in accordance with the mitigation plan.

**G. DEPARTMENT RESPONSIBILITIES**

The DEPARTMENT will furnish any or all of the following items, as appropriate, for performance of the required services.

- 1) All previously completed field surveys as required.
- 2) All available roadway plans, bridge plans, RIGHT OF WAY (R/W) maps, studies, monitoring reports, photographs, project history, and other available information pertinent to the subject.
- 3) All available aerial photography required for the preparation of construction plans.
- 4) Provide general philosophies and guidelines of the DEPARTMENT to be used in the fulfillment of this contract. Objectives, constraints, budgetary limitations, and time constraints will be completely defined by the DEPARTMENT.
- 5) Review and approve all submittals to the environmental agencies.
- 6) The Project Manager shall furnish the CONSULTANT with a letter of Authorization authorizing the work to be done and the fees to be paid for each project assigned under this agreement. No work shall be commenced by the CONSULTANT until receipt of the Letter of Authorization.