



EXHIBIT "A"
SCOPE OF SERVICES

FUEL STORAGE TANK REPLACEMENT PROJECT

Stuart yard
3590 S W Martin Hwy.
Palm City Fl 33497
(772) 221/4078 x 133

FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT FOUR

EXHIBIT “A”**1.1. SCOPE OF WORK**

- A. The purpose of this Turnkey project is to design and build one(1) completely operational fueling facility at the Florida Department of Transportation (FDOT) Stuart yard that will provide bio-diesel (B-20), herein after referred to as “diesel”, and E10 (10% Ethanol and 90% unleaded gasoline), herein after referred to as “unleaded gasoline”, to fuel FDOT vehicles and equipment.
- B. The main fueling facility will be located within the FDOT security fence. The project will also include demolition of the existing fueling facility/system (including the underground storage tanks, piping, dispensers and optional canopy), and restoration and improvement of the site.

- The new main fueling facility will include, but not be limited to, the following:

One (1) 10,000 gallon protected above ground unleaded gasoline compatible fuel tank, to be provided by the Department, the Contractor shall provide all required piping, vents, fittings, gauges, valves, gaskets, seals, sealants, and any other ancillary items necessary for the fueling system. All materials, parts, equipment or components to be added or attached to the unleaded gasoline fueling system are to be 100% compatible with unleaded gasoline fuel and its vapors.

One (1) 10,000 gallon protected above ground diesel compatible fuel tank, to be provided by the Department, the Contractor shall provide all required piping, vents, fittings, gauges, valves, gaskets, seals, sealants, and any other ancillary items necessary for the fueling system. All materials, parts, equipment or components to be added or attached to the diesel fueling system are to be 100% compatible with diesel fuel and its vapors.

- C. The Vendor shall provide the following;

- Foundations for the tanks, dispensing area and optional canopy.

Two (2) diesel dual side dispensing stations, with extended reach hoses.

- Two (2) unleaded gasoline dual side dispensing stations, with extended reach hoses.
- One (1) compressed air and one (1) water service reels.
- Electric stationary air compressor to provide compressed air to service reels at the main fueling facilities. The compressor may be located by the Manual transfer switch.

- Design drawings to allow for phased execution of work to maintain and limit impact on FDOT operations.
 - Prepare submittals for FDOT review, comments, and approval.
 - Leak detection system and Stage I Vapor Recovery System.
 - Fire protection, emergency fuel shut-off system, facility signage, and life safety equipment
 - Protected above ground storage tank fill station, with spill containment pans.
 - Provide hook up for Backup generator, with a Manual transfer switch, to power the main fueling facility and the remote dispensing facility, including the lighting system. The generator will be provided by the Department.
 - Provide all electronic and electrical equipment, wiring, and attachments needed to connect dispensers, pumps, tanks, and fuel tank monitoring system. All other fueling facility features required by local, state, and federal codes and regulations
- D. The Vendor will be responsible for picking up the tanks and old dispensers (pumps) from the St. Lucie Turnpike Rest area, have the tanks re-certified and relocating them to the Stuart yard. The tanks will be used in the installation of the new station, the old pumps at the Stuart location will become the property of the Vendor.
- E. The Vendor shall keep the FDOT Project Manager informed during the performance of all work stated herein on a daily basis as to the status of the work. A progress report designated as “Weekly Activity Report” shall be completed and submitted to the FDOT Project Manager during the next business day. The report shall be typewritten or computer generated in a form approved by the FDOT Project Manager and shall include, but not necessarily be limited to, the following:
- Contract Number, Financial Project Identification Number, location and date(s) on which the work is performed.
 - Description of work performed under each activity listed in Exhibit C at a given location.
 - Name, title, and the number of the expended hours, of each person assigned for such work.

F. Further Vendor Responsibilities:

- Obtain and pay for all required permits, testing, and inspections, required at each site, and make available any inspection certificates during the progress of work.
- Locate, protect, and relocate all utilities (including underground utilities) necessary to complete the work specified in the EXHIBIT A, and verify all field conditions and measurements.
- Furnish all materials, equipment and labor necessary to complete this project.
- The Vendor will be responsible for all dewatering and related water discharge activities at the site, including securing the proper dewatering permit from the Authorities Having Jurisdiction (AHJ).
- Perform the operation in a manner not to damage any equipment, remediation system (including piping and wells), structure and/or surrounding areas. Grade and sod any disturbed areas, repair or replace damaged pavement, sidewalk, signs, equipments or structures caused by the operation at no additional cost to the Department.
- The Vendor shall use the proper shoring (sheet piling) as necessary to prevent damage to structures or to minimize destruction of paved areas resulting from excavation activities during the course of the project.
- During all operations, any generated debris shall be contained by the Vendor. All debris shall be removed from the FDOT property and disposed of at locations provided by the Vendor, at no additional cost to the Department. Vendor shall dispose of materials, equipment, and debris in compliance with all Federal, State, and Local codes and regulations.
- Appropriate screens and barriers will be installed by the Vendor to protect FDOT staff from construction activities (including excavation), materials, equipments, tools, and debris.
- The Vendor's employees shall always wear safety vests with reflective stripes and orange safety hats when working exposed to vehicular traffic or areas accessible by the public. Hard hats, safety helmet caps, are to be used in areas of overhead hazards. All safety equipment will meet or exceed ANSI 2010 standards.

Maintain safe accessibility to pedestrian and vehicular traffic at all times. Perform work in a way not to affect or interrupt the Department's daily operation. All shutdowns, disconnects, disengaging, or de-energizing of utility services to any FDOT utility/facility shall be restricted to weekends, and to 6:30 P.M. to 6:00 A.M., Monday through Friday. Vendor will be allowed to work 24 hours per day,

7 days per week, except on State Holidays. Coordination efforts with DOT or the Turnpike will be through the Project Manager John Spivey, at 772-465-7396. All work shall be performed under the supervision of a qualified and licensed foreman(s) or supervisor(s).

G. The Vendor shall at all times, during the progress of the work, have on the worksite as the Vendor's agent, a competent superintendent capable of interpreting the specification and thoroughly experienced in the type of work being performed. He/she shall have full authority to take corrective action in response to any deficiencies noted by the Project Manager. He/she shall promptly supply any labor, tools, materials, transportation, equipment and any other incidentals required. Such superintendent shall be furnished regardless of the amount of work sublet and shall not be replaced without written notice to the Project Manager, except under extraordinary circumstances. The Vendor's superintendent shall speak and understand English, and have authority to act on behalf of the Vendor.

- The Vendor shall be responsible for :
- Closure, removal, and disposal of the existing fueling facility at the Stuart facility will include, but not be limited to, the following:
- Removal and disposal of Two (2) existing 10,000 gallon fiberglass underground fuel storage tanks (1 - diesel and 1 - unleaded gasoline), and the concrete slab.
- Removal and disposal of any petroleum product remaining in the tanks and piping system including, but not limited to, contaminated water, fuel, and sludge/residue.
- Removal and disposal of the existing Two (2) fuel dispensers.
- Removal and disposal of all piping, vents, fittings, gauges, valves, gaskets, seals, sealants, and any other ancillary items associated with the existing fueling facility including, but not limited to, vapor recovery system piping, air and water service piping, electrical and telecommunication conduits, and drainage piping.
- Removal and disposal of all electronic and electrical equipment, wiring, and attachments associated with the existing fueling system including, but not limited to, dispensers, pumps, tanks, and fuel tank leak detection system(Veeter root) according to Federal Department of Environmental Protection (FDEP).
- A Storage Tank System Closure Assessment will be performed according to the requirements in Chapter 62-761, Florida Administrative Code (FAC) and the FDEP guidance document, dated April 1998. Proper coordination with the FDEP Southeast District Storage Tank's Section will be required.

H. Department Responsibilities;

The Department will make arrangements with Syn-Tech Systems for the Department of Management Services state-wide contractor, Guardian Fueling Technologies, to remove the existing Fuel Master card reader consoles and return them to the Department for storage.

When the site is prepared, the Department will provide the stored Fuel Master card reader consoles to Guardian for the FDOT fuel management and tracking system at the new fueling facility. Guardian will be responsible for installation of the Fuel Master card reader consoles.

- I. The Vendor will coordinate with either Guardian Fueling Technologies, Glasgow Equipment Service, Wilson's Petroleum Equipment, or ASE Telecom for all required site work NOT related to the Fuel Master card reader system (i.e. Tank Monitoring Unit, conduit removal/placement, mounting pad, communication cable, fuel dispensers, etc.). These contractors should be contacted for competitive pricing
- J. The Vendor will be responsible for the removal of the existing underground tanks according to the requirements in Chapter 62-761, Florida Administrative Code (FAC) for Storage Tank System Closure Assessments and the FDEP guidance document, dated April 1998.

1.2 OPTIONAL ITEM

An optional canopy with lighting that will cover and provide shelter to the dispensing system and the vehicles/ equipment obtaining fuel.

1.3.1 SEQUENCE OF WORK

Unless otherwise approved by FDOT, the existing fueling facility shall be demolished prior to the construction of the new fueling facility. Construction or closure of the facility may not occur during Hurricane season (**July 15th to November 30th**). Closure of the existing fueling facility shall not begin until written Notice to Proceed is given to the Vendor. Traffic flow through the facility must remain accessible for work and emergency vehicles.

1.4 OTHER GENERAL REQUIREMENTS

The vendor is to propose the time frame in completing the work of this contract under Management Plan of the proposal with the maximum duration of work not to exceed 420 calendar days after the Notice to Proceed. Vendor will be assessed a penalty of \$100 per day for work not completed after the proposed completion date. The penalty will be deducted from the final invoice.

Conduct initial coordination meetings with FDOT to develop facility alternatives, and minimum storage and dispensing requirements, to determine final facility requirements from operations, storage and dispensing. Conduct monthly progress meetings.

Conduct research and contact Authorities Having Jurisdiction (AHJ) and develop a site development plan to obtain the required approvals/permits for the facility improvements.

A detailed project schedule (Primavera style) shall be submitted at the Pre-work Conference and continually updated weekly during the course of the project. This schedule shall indicate the start times, end times, and durations for all project tasks, and include any anticipated facility or service down time. The project schedule will include target dates for 30%, 60%, 90%, and 100% submittals.

1.5 CODES, INSPECTIONS, AND TESTINGS

- A. All work under the Scope of Services shall be performed in strict compliance with all applicable Federal, State and local laws, codes, regulations, standards, and the project specifications as the minimum.
- B. During the course of construction, the Project Manager will observe the work. The Vendor shall call for required inspections from all Authorities Having Jurisdiction (AHJ) during the normal phases of installation and, following each inspection phase, the Project Manager shall be furnished with Certificates of Inspections from all Authorities Having Jurisdiction (AHJ). After the completion of the work, the Vendor shall deliver all certifications or letters of approval to the Project Manager. Following the successful completion of the final inspection, the Vendor shall furnish the Department with a certificate of final approval from all Authorities Having Jurisdiction (AHJ).
- C. The Vendor shall provide all necessary instruments and special apparatus to conduct any test that may be required to ensure performance and that control wiring and power cables are free of all improper grounds and short circuits.
- D. Piping system**
 - Prior to placing the system into service, line tightness/pressure testing must be performed in accordance with F.A.C. Chapter 62-762.641 and Chapter 4 of NFPA 329 by a precision tank tester registered with the Department of Business and Professional Regulation under FS Chapter 489.
 - A system manufacturer's representative shall be present to witness the tests.
 - Should the system fail testing(s), Vendor shall make any and all repairs necessary for the system to meet the requirements of subsequent test(s).
- E. Fuel tanks**
 - After installation of the above ground storage tanks, each tank shall be pressure tested and tightness tested as required by applicable portions of Rule 62-762,

Florida Administrative Code (F.A).C. by a certified contractor prior to placing the system in service. All required tests and test methods which are required pursuant to Rule 62-762, F.A.C. prior to placing the new above ground storage tank system in service shall be performed by the Vendor.

- The integrity of the installed fuel tank shall be insured as not to void any warrantee provided by the manufacturer, All measures will be taken to maintain the manufacturer's warrantee.

F. Operation simulation

All conditions of operation shall be simulated to demonstrate that all systems operate properly.

1.6 Acceptance of Site

The system will not be accepted until all equipment satisfies the acceptance test requirements. The Vendor shall perform service tests on the completed system in the presence of the Owner or their authorized representative to demonstrate that the system is in good working order and will function as intended a minimum of three (3) consecutive times. Each performance test shall be separated by a minimum of thirty (30) minutes.

Any and all defective material and workmanship disclosed as a result of these tests shall be corrected and the system retested.

1.7 OPERATION AND MAINTENANCE MANUAL AND AS-BUILT PLANS

A. Vendor shall compile four (4) copies of product data and related information appropriate for Owner's operation and maintenance of products and equipment furnished under this contract. Content for each unit of equipment and system.

B. The content for each unit of equipment and system is as follows:

- Final as-built plans.
- Description of unit and component parts.
Function, normal operation characteristics, and limiting conditions.
Performance curves, engineering data and tests.

Complete nomenclature and commercial number of replaceable parts.

C. Requirement of Operating procedures.

- Start-up, break-in, routine and normal operating instructions.

- Regulation, control, stopping" shutdown and emergency instructions.
- Special operating instructions.
- Maintenance procedures.
- Routine operations.
- Guide to "trouble-shooting".
- Disassembly, repair and reassembly.
- Alignment, adjusting and checking.
- Servicing and lubrication requirements.
- Manufacturer's printed operation and maintenance instructions.
- Description of sequence of operation by control manufacturer.
- Original manufacturer's parts list, illustrations, assembly drawings and diagrams required for maintenance. Predicted life of parts subject to wear
Items recommended to stock as spare parts.
 - Other data as required under pertinent sections of specifications.
 - All permitting related documents.

PART 2 – PERMITTING

2.1 GENERAL

- A. The Vendor is to secure all federal, state and local permitting, registrations, certifications and licensing required to complete the work. Prior to making a submittal to agencies, the Vendor will provide the Project Manager with following documents for review and approval:
- A schematic site plan describing facility locations and functions, including tanks, dispensers, canopies and buildings.

- Plans shall include mechanical, structural, civil, and electrical details including, but not limited to, drainage details, location of new slabs, schematic wiring for electrical system, and tank data cut sheets.
- Plans shall include a detailed security plan must include and address the following specific items:
 - a. Maintaining the safety of pedestrian and vehicular traffic at all times.
 - b. Providing for the proper ingress and egress of pedestrian and all vehicular traffic (including heavy equipments). Coordinating with authorities having jurisdiction, where required, in providing for facility ingress and egress.
 - c. Public, FDOT personnel, and vendor parking areas.
 - d. Emergency vehicle access, taking into consideration existing infrastructure that may be utilized by emergency responders.
 - e. The placement and erection of any and all signs, temporary fencing or gates as may be required to direct, control, and manage traffic flow.
 - f. The sitting and staging of construction materials and equipment, including job trailers and heavy equipment.
- The plans shall be prepared by the Vendor and must be signed and sealed by a registered Professional Engineer.

The Vendor shall submit to the Department 30%, 60%, 90% and 100% complete plans and specifications for review and approval. The Department will review and provide comments within 15 days of each submittal.

Once 100% documents have been approved, the Vendor will submit the plans, along with the technical and non-technical specifications, to the appropriate permitting agencies for approval.

The Vendor will be responsible for all revisions and modifications to the plans and/or specifications as required to meet all Federal, State, and Local codes, as well as to meet the needs of the Department.

PART 3 – EQUIPMENT**3.1 FUEL STORAGE TANKS**

A. General

- 2 (Two) 10,000 gal. Fuel tanks will be provided by the Department, but will need to be relocated from the St. Lucie Turnpike Rest Area no later than April 30, 2013, and delivered to the Stuart facility by the Vendor. The vendor will need to coordinate the Turnpike's tank removals with Tom Wilke. Tel (407) 264-3190, cell (407) 264-3549
- Each tank shall be equipped with tie downs and supports that meet or exceed all State and Local codes.
- All materials, parts, equipment or components to be added or attached to each fuel tank are to be 100% compatible with its corresponding fuel and its vapors.

B. The Vendor shall provide the following Tank Accessories

- Hurricane and flood anchoring.
- The anchoring system for each tank shall have stainless steel components, and meet or exceed all Federal, State and Local codes.
- Vents shall discharge upward or laterally, and be protected from intrusion of rain, and incorporate a flame arrestor.
- Provide one (1) emergency vent for each primary tank or primary tank compartment, and one (1) emergency vent for each secondary containment tank interstice, unless the existing is functional.
- Provide grade fill assembly with one (1) 15 gallon spill container, lockable tight fill cap, adapter, fill pipe, swing check valve, ball valve, overfill valve and drop tube per tank.
- Provide an overfill prevention system which complies with the requirements of NFPA 30A or NFPA 30. Overfill prevention system shall contain a visible and audible alarm which will sound when the product level in the tank has reached 90% of tank capacity, and a positive single-action shut-off valve which will stop the flow of liquid into the tank when product level reaches 95% of tank capacity.

- Gauge stick, cap and striker plates to be provided for determining the amount of fuel within primary tank. Tank gauge with an accurate numerical counter readout, eliminating the need for any on-site manual gauging.
- Each tank shall have a step or ladder system for access and maintenance to the top of tank, unless the existing ladder system is functional.
- All tanks shall be equipped with a Stage I vapor recovery system.
- Provide an anti-siphon valve for each tank to prevent siphoning in the event failure occurs in the fuel supply line or at the dispenser.

C. Finishes - Tank exterior will be thoroughly cleaned

Labeling - Each Tank shall have the standard manufacture nameplate and U.L. label affixed to the tank. If the existing label is faded, it shall be replaced. The exterior of each tank shall display new warning sign and new labels made of weather resistant materials, in proper location, and configuration to meet applicable code requirements. Replace any faded or mangled labels. Vendor shall supply and install any and all information and warning signs and labels required by codes at each site.

3.2 FUEL DISPENSERS AND ACCESSORIES

Fuel Dispensers and Accessories

- Fuel dispensers shall be island-oriented (nozzles on the side of the cabinet for use from both lanes), with automatic nozzles, extended reach hoses and internal hose retractors.
- Diesel fuel dispensers shall be equipped with raised hose mast for ease handling during fueling.
- All fuel dispensers shall be compatible with the FDOT fuel management and tracking system (Fuel master); meter shall have a 10:1 pulsar to interface with system.
- All fuel dispensers shall be mechanical status displays per hose, on both sides of the cabinet and programmable for gallons or liters.
- Existing cabinet exterior panels and supports shall be reused. . The Vendor will Guardian will remove and replace the cabinet, you will have to coordinate with them and to install the necessary conduits.

- Maximum flow rate for unleaded gasoline shall be 22 gallons per minute (GPM).
- Maximum flow rate for diesel fuel dispensers shall be 60 gallons per minute (GPM).
- All fuel dispensers shall be equipped with vapor recovery system(s) as required by Federal, State and Local codes.
- All fuel dispensers shall be equipped with dry re-connectable hose breakaways with a pull force of no more than 250 lbs.
- All fuel dispensers shall be equipped with swivels with 360-degrees rotation.
- Secondary sump containments shall be installed at all fuel dispenser locations.
- Emergency shear valves for fuel and vapor lines shall be installed at all fuel dispenser locations.
- All materials, parts, equipment or components to be added or attached to each fueling dispenser are to be 100% compatible with its corresponding fuel and its vapors.

3.3 DIGITAL MULTI-TANK MONITORING AND LEAK DETECTION SYSTEM

A. General Requirements

The Vendor shall be responsible for ensuring that the digital multi-tank monitoring and leak detection system (herein after referred to as the “tank monitoring and leak detection system”) is operable and compatible with all components of the fueling system and designed to provide the highest degree of service and reliability to the fueling system owner/operator.

The Vendor shall be responsible for proposing and specifying all equipment for the tank monitoring and leak detection system in accordance with paragraph B of this section entitled “System Design Considerations and Capabilities.” All equipment specified and proposed pursuant to paragraph B of this section shall be in strict conformance with the rules and regulations of the Florida Department of Environmental Protection and all other applicable laws, rules and regulations of any agency or department having jurisdiction.

Approval by the Florida Department of Transportation (FDOT) will be required, in addition all applicable permits and approvals from all authorities having jurisdiction shall be obtained prior to the commencement of any work associated with the tank monitoring and leak detection system. Any desired or required changes by FDOT or any authority having jurisdiction to the Vendor's proposal shall be accomplished by the Vendor without any additional cost, expense or delay to the FDOT.

B. System Design Considerations and Capabilities

Vendor shall address the following design considerations and capabilities; however nothing in this section shall prohibit or discourage the vendor from addressing other design considerations and capabilities not specifically listed herein:

- Inventory and delivery monitoring and reporting
- Emergency generator applications and reports
- Interstitial/sump monitoring
- Dispenser sump monitoring
- Audible and visual alarm capability as well as custom alarm capability
- Insure computer to computer notification and reporting with other Vendors.
- Continuous statistical leak detection software and associated components.
- Options for leak detection and alternate methods
- Line leak detection
- Wireless communication availability
- Suitability to the intended use
- System operating features
- All materials, parts, equipment or components to be added or attached to the monitoring and control system are to be 100% compatible with diesel fuel, unleaded gasoline, and its vapors.

PART 4 – MECHANICAL

4.1 PIPING

Above ground piping shall be supported in accordance with manufacture's recommendations. All pipe supports and accessories shall be stainless steel. The Vendor shall install the system in accordance with the directions furnished by the manufacturer. The Vendor shall strictly adhere to the installation guidelines supplied by the system manufacturer. All materials, parts, equipment or components to be added or attached to fueling system are to be 100% compatible with its corresponding fuel and its vapors.

4.2 AIR COMPRESSOR

New electric stationary air compressor shall be installed in the existing electrical/mechanical room in the Building, unless another location is approved by the Department's Project Manager.

PART 5 – ELECTRICAL

5.1 GENERAL

- A. Vendor shall provide an electrical system to power the new fueling facilities, including lighting, dispensers, monitoring and control system. Vendor shall furnish and install any additional conduit, connectors, panels, components and containment needed, for connections to the electrical system, fuel management system, and tank monitor device at each site. Modify the existing electrical distribution system as necessary for the electrical system of the new fueling facilities.
- B. Vendor shall make all connections to communication/network lines, wiring, and fiber optics to provide a complete fueling facility.
- C. Vendor shall supply and install all sensors, wiring, and connections from the tank to the monitoring device, and have it in working order to monitor all tanks.
- D. All electrical work shall be in completed in accordance with the requirements of the National Electrical Code (NEC), the National Fire Protection Association (NFPA), and local codes requirements.
- G. All electrical work shall be executed by an experienced and certified electrical contractor(s). Electrical work shall be coordinated so as not to interfere with FDOT daily operation.
- H. The Vendor shall insure a permanent and effective ground service neutral and all conduits, raceways, devices, and utilization equipment in accordance with

requirements of the National Electrical Code (NEC), Article 250 as required. All grounding electrodes shall have rigid clamp jaw (buried connections shall be by exothermic welds).

- I. The Vendor shall install all control devices furnished by equipment manufacturers with their equipment and complete the wiring in accordance with manufacturer's recommendations and approved wiring diagrams.
- J. Furnish and install transient voltage surge suppression (TVSS) for the protection of all electrical circuits from the effects of lightning induced currents, substation switching transients and internally generated transients resulting from inductive and/or capacitive load switching.
- K. Furnish and install TVSS for the protection of all electronic equipment low voltage signal conductors. Provide suppression for all systems such as telecommunication systems, temperature control panels, tank monitoring and leak detection system, fuel dispensers, computers, emergency generator control systems, emergency transfer switch control switches, and all other systems which communicate by wire.

PART 6 – CIVIL

6.1 GENERAL REQUIREMENTS

- A. Proper ingress and egress (“flow”) design of fueling facilities that maximizes the efficiency of fueling operation and minimizes impacts to regular traffic or operation.
 - Finished grade shall be concrete in and around the dispensing areas. Concrete slab shall be reinforced and have a minimum thickness of 8 inches.
 - Provide proper storm water drainage of the new fueling facilities and the redeveloped/restored areas of the existing facility.
 - Backfilling and compaction procedures shall be performed in strict accordance with the FDOT Standard Specifications for Road and Bridge Construction (2010 Edition) and FDOT Design Standards (2010 Edition), or as otherwise directed in writing by the Department.
 - All open cuts in the pavement (asphalt and concrete) shall be saw cut and made square.
 - Grassy area shall be sodded with Bahia sod.
 - Curbs shall be painted yellow.

6.1.1 PUMP ISLANDS

Stainless steel bollards shall be installed for the protections of dispensing equipments. Bollards shall be painted yellow. Raised island curbs shall be constructed with stainless steel protective fascias. Fascias shall be painted yellow.

PART 7 – ENVIRONMENTAL

7.1.1 GENERAL

Environmental remediation services, including source removal and disposal of contaminated material, backfilling and paving, is to be provided by others. Fuel recovered from the existing underground tanks will be the property of the Vendor for use or proper disposal. The old underground tanks will be removed by the Vendor to be properly disposed of at no additional cost to the Department. A Storage Tank System Closure Assessment will be performed according to the requirements in Chapter 62-761, Florida Administrative Code (FAC) and the FDEP guidance document, dated April 1998.

PART 8 - STRUCTURAL

8.1 FOUNDATION

Foundations for tanks, dispensers, generator and canopies shall be capable of withstanding structural loads and stresses, and meet or exceed all state and local codes. 190+ mph wind load.

8.2 OPTIONAL OVERHEAD CANOPY

The bid for the optional overhead canopy will be a separate line item on the bid sheet. The Department will authorize the construction of the canopy if sufficient funds are available.

- A. Canopy structure (top and columns) shall be metal with integral concrete foundation, steel framing, flat metal roof, roof drains and pipes, vertical fascia, and flat metal ceiling. Roof drains shall drain to an underground drainage system provided by the Vendor. The Vendor will provide roof drain clean-out access for maintenance servicing. Collection points for roof drainage will not be directly above information control units.
- B. Canopy clearance height, as measured from the finished grade to the lowest point on the canopy, shall be a minimum of 16' - 6". The clearance height of canopy will be clearly indicated on the structure.

- C. Canopy coverage area shall extend a minimum of 12 feet measured from the face of the dispenser island curb.
- D. Canopy fascia, ceiling, and columns shall have a white, flat finish. All structural steel shall be coated with an anti-corrosive system.
- E. Canopy lighting fixtures shall be mounted to, or recessed into, the bottom surface ceiling of the canopy. Canopy lighting luminance levels shall be appropriate for regular fueling activities, and reasonably uniformed throughout the canopy area. The lighting system shall have be automatic photo-controlled, with a manual-control option.
- F. The Canopy shall be capable of withstanding the effects of structural loads and stresses, and meet or exceed all state and local codes of 190+ mph wind load.

The cost for the optional overhead canopy will be a separate line item on the Bid sheet and will not be considered as part of the low bid cost.

**END OF
SCOPE OF SERVICES**