

**Florida Department of Transportation  
District Four  
Treasure Coast Operations Center  
3601 Oleander Avenue, Fort Pierce, FL 34982-6501**

**TECHNICAL SPECIAL PROVISIONS**

**SCOPE OF SERVICES**

**FUEL SYSTEM INSTALLATION PROJECT**

**A. Summary**

Replacement of fuel (diesel and gasoline) supply pipelines and fuel dispenser systems including miscellaneous associated civil (trenching for underground fuel lines, fuel island curbs, bollards) and electrical (power for dispensers, exterior outlets, card readers) work from the existing storage tanks.

**B. Scope**

Furnish and install a complete fueling station that complies with all pertinent federal, state and local codes and regulations, Florida Department of Transportation requirements and meets all industry standards. This includes, but is not limited to, the delivery system from the existing above ground storage tanks to the dispensing unit hoses, connection to the existing fuel dispensing control system and leak detection and monitoring system for the Treasure Coast Operations Center in Ft. Pierce, Florida.

The work involved includes removal and replacement of fuel dispensers, dispenser sumps, fuel piping, transition sumps, fuel islands and forms and pavement. It also includes all electrical connections for the fuel dispensing control system, leak detection, monitoring and other associated systems.

1. Mobilize personnel and equipment to the jobsite.
2. Remove all fuel piping downstream of tank fuel pumps, maintaining required water and electrical lines.
3. Remove all sumps and fuel dispensers.
4. Remove all concrete islands and forms.
5. Install new transition and dispenser sumps and leak detectors.

6. Install new piping, both underground and above ground to connection points. Underground piping shall be stainless steel inside FRP containment pipe at a minimum of 2' from grade to top of pipe. Above ground piping shall be schedule 40 steel.
7. Install new concrete fuel islands and stainless-steel form with 1-1/4 inch rolled top bead.
8. Install new Gas Boy High Flow twin 2 dispensers or approved equal.
9. Install or reconnect wiring for fuel dispensing control system, leak detection and monitoring system.
10. Remove and replace the Veeder Root card reader.
11. Restore asphalt and concrete pavement.
12. Leave the site clean and free of debris.
13. Provide testing of underground piping and concrete associated with the islands.
14. All open cuts in the pavement (asphalt and concrete) shall be saw cut and made square.
15. Restoration of Areas.
  - a. Excavated areas shall be restored with clean fill material.
  - b. Finished surface shall be concrete in the area underneath the overhead canopy. Concrete shall be reinforced and match the thickness of existing concrete slab. Finished surface for all other areas shall be asphalt.
16. Restoration of existing raised island curbs.
  - a. Dispenser sump containments shall be removed and properly disposed.
  - b. Raised island curbs shall be properly restored. Existing protective fascia on all islands will be replaced with new stainless steel protective facias.

### **C. Permitting**

1. The Contractor is to secure and pay for all federal, state and local permitting, registrations, certifications and licensing required to complete the work.
2. Obtain and pay for all required testing, and inspections, required at each site, and make available any inspection certificates during the progress of work.

### **D. General Requirements**

1. 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.

2. A detailed project schedule shall be submitted at the Pre-work Conference. This schedule shall indicate the start times, end times, and durations for all project tasks, and include any anticipated facility or service down time.
3. The Contractor shall keep the FDOT Project Manager informed during the performance of all work stated herein daily as to the status of the work.
4. Locate, protect, and relocate all utilities (including underground utilities) necessary to complete the work specified in the Contract Plans and verify all field conditions and measurements.
5. Furnish all materials, equipment, and labor necessary to complete this project.
6. The Contractor 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).
7. 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, monitoring wells, equipment, or structures caused by the operation at no additional cost to the Department.
8. The Contractor 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 project.
9. During all operations, any generated debris shall be contained by the Contractor. All debris shall be removed from the FDOT property and properly disposed at locations provided by the Contractor, at no additional cost to the Department. Contractor shall dispose of materials, equipment, and debris in compliance with all Federal, State, and Local codes and regulations.
10. Appropriate screens and barriers will be installed by the Contractor to protect FDOT staff from construction activities (including excavation), materials, equipments, tools, and debris.
11. The Contractor'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.

12. Always maintain safe accessibility to pedestrian and vehicular traffic, including egress and ingress to the back of the complex.
13. All shutdowns, disconnects, disengaging, or de-energizing of utility services to any FDOT utility/facility shall be restricted to 7:00am to 5:00pm, Monday through Friday, except on State Holidays.
14. All work shall be performed under the supervision of a qualified and licensed foreman(s) or supervisor(s).
15. The Contractor shall always, during the progress of the work, have on the worksite as the Contractor'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 Contractor's superintendent shall speak and understand English, and have authority to act on behalf of the Contractor. All communications given to the superintendent shall be as binding as if given to the Contractor.
16. During the course of construction, the Project Manager will observe the work. The Contractor 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 Contractor shall deliver all certifications or letters of approval to the Project Manager. Following the successful completion of the final inspection, the Contractor shall furnish the Department with a certificate of final approval from all Authorities Having Jurisdiction (AHJ).
17. Backfilling and Compaction procedures shall be performed in strict accordance with the city and State standards.
18. The Contractor shall complete all work required by this Scope of Services within one hundred fifty (150) days of receipt of a written notice to proceed from the Project Manager.
19. Maintain the Pollutant Storage System Contracting Certification during the project.