

BID 21B-090
Baseline Landfill Leachate Tank Farm Modifications
PART 1 - SCOPE OF WORK

Work Description

- A. The Project is at the Marion County Baseline Landfill, 5601 SE 66th Street, Ocala, Florida 34480
- B. The Project generally consists furnishing all labor, work, materials, safety equipment, demolition of existing mechanical and electrical systems, painting, concrete cutting, new mechanical and electrical systems, instrumentation, system start-up, testing, personnel training, surveying, and other operations required for completing the modifications.
- C. The Work includes, but not necessarily limited to, the following:
 - 1. Mobilization and demobilization.
 - 2. Provide temporary facilities, including but not limited to sanitary facilities and potable water for pump testing and other construction activities.
 - 3. Site preparation including excavation, backfill, compaction, and erosion control.
 - 4. Obtain all permits as required by the County.
 - 5. Selectively demolish existing mechanical and electrical systems as indicated on the Drawings and needed for the new work.
 - 6. Maintain and manage leachate and leak detection flow at all times in each wet well, including but not limited to bypass pumping, temporary piping, temporary electrical and control conduit, and wiring.
 - 7. Furnish and install new pumps and electrical and mechanical systems as indicated on the Drawings.
 - 8. Furnish and install three new submersible pumps and appurtenances, control panels, new guide rail systems and associated vales, piping, fittings in adjacent valve vaults (two for the leachate collection wetwell and one for the leak detection wetwell).
 - 9. Furnish and install two new leachate transfer pumps and appurtenances, control panels, and associated valves, piping, and fittings.
 - 10. Protect and maintain leachate flow to the additional (third party) equipment.
 - 11. Core existing pre-cast wetwalls, valve vaults, and containment walls as needed for the new work.
 - 12. Install new elevated walkways and stairs and repair existing walkways and stairs.
 - 13. Modify existing pre-cast wetwalls and valve vaults as indicated and as needed for the new work.
 - 14. Remove and replace the existing electrical service entrance, power panels, conduits, conductors, equipment racks, and related equipment.
 - 15. Install new trench drain in the concrete containment floor, related piping, valves, concrete cutting, and pipe connections as indicated in the Drawings and Specifications.
 - 16. Furnish and install new conduit and wiring for pump power and controls.
 - 17. Coordinate with County staff and electrical utility as needed.
 - 18. Equipment certification, testing, start-up, troubleshooting, and Owner training.
 - 19. Clean-up and site restoration.
 - 20. Project Closeout services including As-Built Drawing preparation.
- D. All work shall be in accordance with the construction drawings, specifications, and contract documents.