

## **Request for Quotes for Leachate Pipe Clean Out at the Lake County Central Landfill**

### **Purpose**

The purpose of this solicitation is to select a vendor to clean out obstructions that have accumulated in leachate drain pipes at the Lake County Landfill.

### **Scope of Work**

The selected vendor must be capable of providing jet cleaning equipment to clear obstructions in 4 inch HDPE SDR17 leachate collection piping. The obstructions consist of solids that have been flushed from a fly ash/garbage landfill site. Previous attempts to clear the obstructions with 4,000 psi water blasting were unsuccessful. Video of some of the obstructions are available to be viewed at the Lake County Central Landfill Office. Due to methane explosion hazard, no mechanical cutting will be permitted. Explosion proof video inspection equipment and a vacuum system for removal of dislodged sediment from the pump station may be required and separate pricing for a vacuum truck is requested. The pipe length is between 500 and 1,000 feet and there are five of them. The piping has been fusion butt-welded and no mechanical removal of the internal seam will be permitted.

### **Equipment and Contractor Requirements**

High Pressure Water-jetting: High pressure water-jetting equipment must be rated at a minimum 4,000 psi at 25 gallons per minute with a minimum forward distance capability of 1,000 feet for the long distance jet-cleaning required in Lake County landfill piping.

Pipeline Water Blast Descaling: Pipeline water blast descaling equipment rated at a minimum 10,000 psi at 20 gallons per minute with a minimum forward distance capability of 1,000 feet for the long distance jet-cleaning required in Lake County landfill piping. Equipment will utilize both fixed nozzles and rotary descaling nozzles for removing hardened scale accumulations from the HDPE piping. Due to the existence of explosive methane gas, and the possibility of spark ignition, no mechanical cleaning methods (augers or milling cutters) can be permitted.

Explosion Proof Video Inspection: If needed, all video inspection equipment shall be rated as Class 1, Division 1, Gas Groups C&D compliant (“explosion proof”).

Experience: Contractor must have a minimum of 10 years’ experience using this specific equipment in landfill applications and must provide 3 specific references demonstrating successful use of this specific equipment in HDPE landfill piping.