

AGREEMENT CONTRACT FOR  
BIODESULFURIZATION TOWER CLEANING AND WASTE DISPOSAL

The Dane County Department of Waste & Renewables operates an active landfill and Renewable Natural Gas (RNG) Plant at its location at 7102 Hwy 12, Madison, Wisconsin 53718. The landfill gas is cleaned, compressed and injected into the high pressure natural gas pipeline.

Prior to being introduced into the natural gas pipeline, the hydrogen sulfide (H<sub>2</sub>S) must be removed. The primary system used to remove H<sub>2</sub>S is a set of desulfurization towers which utilize a bacteria to consume the H<sub>2</sub>S and convert it into sulfuric acid and elemental sulfur. Overtime, the sulfur can build up in the tower and needs to be removed.

The Department of Waste & Renewables staff have substantially completed the cleaning of the first tower after over 6 weeks of work. To return these towers to normal operations as soon as reasonably possible and to prevent damage and further expenses that could occur due to cold temperatures, the Department of Waste & Renewables has solicited professional expertise for assistance with cleaning the second tower. Until the system can return to normal operations, Department of Waste & Renewables is utilizing a more costly H<sub>2</sub>S removal technology.

O6 Environmental Services, Inc. has the unique professional expertise, certifications, and availability to meet the project timeline and clean the second tower in a safe and effective manner.

**NOW, THEREFORE, BE IT RESOLVED** that O6 Environmental Services, Inc. and Dane County Waste & Renewables wish enter into an Agreement for Biodesulfurization Tower Cleaning and Waste Disposal. Total Contract Amount: \$278,000.00; and

**BE IT FURTHER RESOLVED** that the Personnel and Finance Committee approves a waiver of bid requirements for the contract; and

**BE IT FURTHER RESOLVED** that the County Executive and the County Clerk be authorized to sign the Agreement; and

**BE IT FINALLY RESOLVED** that the Department of Waste & Renewables be directed to ensure complete performance of the Agreement.