

## **Vendor Agreement**

### **To Participate in Florida Onsite Sewage Nitrogen Reduction Strategies Project**

The Florida Onsite Sewage Nitrogen Reduction Strategies (FOSNRS) Project is examining nitrogen reduction strategies for onsite sewage treatment and disposal systems in the State of Florida. The project is being conducted by Hazen and Sawyer, P.C, an environmental engineering firm under contract with the Florida Department of Health (FDOH). A central component of this research project is to evaluate nitrogen removal technologies under field conditions. To reach this goal, field-testing the performance of nitrogen reducing technologies and monitoring operation, maintenance and cost of these systems at home sites is needed. The purpose of this agreement is to provide understanding of the project requirements and responsibilities between treatment system vendors and Hazen and Sawyer for a specific project site.

The candidate onsite wastewater treatment system should have advanced nitrogen reduction capability with a goal to consistently produce an effluent total nitrogen concentration of 10 milligrams per liter or less. The manufacturer or designer shall construct and install systems according to documented specifications and procedures which will be provided to Hazen and Sawyer. The manufacturer or designer is also required to provide an operation and maintenance manual that can be followed by a home or property owner. Hazen and Sawyer will provide performance monitoring of installed systems for at least one year, which will require the vendor to provide accessible monitoring points for final system effluent as well as intermediate process points of the treatment system. For the treatment system related to this vendor agreement, monitoring will occur monthly for the first 6 months, and at least quarterly for the remainder of the 1 year, for parameters as outlined in the project QAPP with FDOH.

The participation of select nitrogen reducing technologies is essential for the success of this research program. By signing below the vendor agrees to provide:

- Vendor business name, address, type of legal entity, registrations
- Vendor point of contact name, address, telephone, email
- Name or designation of nitrogen reducing technology treatment system components
- Model number or designation of key components of the system
- Treatment capacity and basis thereof (flowrate, person equivalents)
- Explanation of system design with emphasis on scientific or engineering principles, description of individual components, nitrogen removing principals and functionality
- Identification of pretreatment requirements or specific systems (e.g. primary treatment, pre-treatment with aerobic process, etc)
- Identification of the party responsible for providing the materials and labor and for supervising the installation at the property site
- Material, delivery and labor costs associated with installation (materials must be broken down by cost per item or component)
- Documentation of proper installation and functioning with statement to that effect provided to Hazen and Sawyer
- Procedures used to verify successful installation and functioning
- Operation and maintenance manual with complete and specific instructions
- Retail parts and installed price and cost breakdown

**HAZEN AND SAWYER**  
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Fax: (813) 630-1967

Vendors will be allowed a 60-day period after initial start-up to make adjustments to the treatment system to document proper function of the system. After this adjustment period, the vendor shall agree to not tamper with the system during the monitoring period unless specifically requested by Hazen and Sawyer. In the event of a problem related to manufacturing or installation, if requested by Hazen and Sawyer, P.C., prompt action must be taken by the vendor to remedy the problem and bring the system into compliance with state codes at no additional costs to any party.

Vendor shall provide a turn-key price to accomplish the items identified in this agreement, including design, permitting, installation, and start-up of the treatment system for this project. Hazen and Sawyer will provide electrical use metering for the project and water use metering of the home. Hazen and Sawyer will compensate vendor \$5000.00 upon receipt of an approved permit package for the project site. Upon completion of system installation and successful start-up, Hazen and Sawyer will pay vendor the remaining portion of the price agreed below. Vendor shall make every effort to expedite construction of the treatment system so as to minimize inconvenience to the homeowner.

The undersigned hereby agree participate in this project under the terms of this agreement.

**FOSNRS Project Site:** Suderman, 38 Dana Dr., Wakulla Cty.

**Treatment system:** Aerocell/Nitrex \_\_\_\_\_

**Agreed price:** \$23,600 \_\_\_\_\_

**Vendor Name:** Lombardo Associates, Inc. \_\_\_\_\_

**Address:** 188 Church Street \_\_\_\_\_ NEWTON, MA 02458

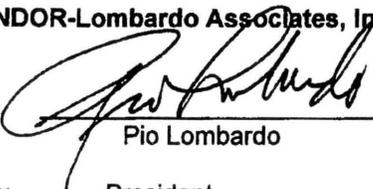
**Mailing Address:** same \_\_\_\_\_

**Telephone:** 617.964.2924 \_\_\_\_\_

**Fax:** 617.332.5477 \_\_\_\_\_

**Email:** pio@lombardoAssociates.com \_\_\_\_\_

**VENDOR-Lombardo Associates, Inc.**

By:  \_\_\_\_\_  
Pio Lombardo

Title: President

Date: April 12, 2011

**HAZEN AND SAWYER, P.C.**

By:  \_\_\_\_\_  
Damann L. Anderson

Title: Vice President

Date: 4/13/11