

**Customer:** Ecologix –Lemark

**Location:** Alpharetta, GA

**Time & Duration:** 8 weeks

**Technologies:** HMI and PLC programming

Reference: Ecologix Lemark 14-147 / 1.1.2



### Description

HMI and PLC programming

### INP Tasks

#### HMI:

- Visualization – Generating HMI-SCREENS
- Tagging – HMI with PLCs
- Alarm and fault handing according to provide set point list
- Operation modes – Auto / Manual
- Internal testing

#### Device Logic:

- Pump Movement / Variable Frequent Drive
- Temperature controlling
- Valve controlling
- Sensor monitoring
- Tank controlling
- Timer configuration
- Analog communication
- Redundancy programming
- Sequencer programming by section
- Alarm programming
- Internal testing

#### PLC Communication:

- I/O mapping
- Interlocking
- Generating FAT Documentation
- FAT / Debug

#### MEXICO

INP Mexico S.A de C.V  
Fray Junipero Serra #2450  
Suite 501  
Pabellón Cooperativo Juriquilla  
76230 Queretaro  
Mexico

Tel. +52 442 3930703  
mx.inp@actemium.com

#### USA

INP North America Inc.  
11390 Old Roswell Rd.  
Suite 126  
Alpharetta, GA 30009  
USA

Tel. +1 678 527-1400  
Fax +1 678 527-1410  
us.inp@actemium.com

#### CANADA

INP Canada Inc.  
2275 Upper Middle Rd E  
Suite 101  
Oakville, Ontario L6H 0C3  
Canada

Tel. +1 678 527-1400  
ca.inp@actemium.com