



SYMBIONT HEATING SYSTEM AT ACADEMIC VILLAGE NTSS

NOTICE TO SOLE SOURCE # RE-NTSS-26-01

Issuance of Solicitation: Tuesday, January 13, 2026

Questions Due Date: Monday, January 19, 2026

Bid Submission Deadline: Thursday, January 22, 2026

THE CITY OF PEMBROKE PINES
PROCUREMENT DEPARTMENT
8300 SOUTH PALM DRIVE
PEMBROKE PINES, FLORIDA 33025
(954) 518-9020

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SECTION 1 - NOTICE

Notice of Intent to Award a Sole Source Procurement

NTSS # RE-NTSS-26-01

Symbiont Heating System at Academic Village NTSS

THIS IS NOT A COMPETITIVE BID

The proposed contract action is for product or services for which the City of Pembroke Pines intends to negotiate and award with only one source under the authority of the City of Pembroke Pines Code Section 35.18 (C) (3) City standard, single-source and sole-source commodities or services. Any responses received as a result of this Notice of Intent shall be considered solely for the purpose of determining whether to conduct a competitive procurement in the future. Responses will not be considered as proposals, bids, or quotes.

The Procurement Department has received a request to make the following sole-source procurement:

Requesting Department/Office: Recreation & Cultural Arts

Product and/or services to be purchased: Symbiont™ Model Ph300 Geothermal Pool Heating/Cooling System for the Academic Village

Sole Source Justification: The Symbiont PH300 geothermal pool heater is the only system that meets the City's technical and site-specific needs. It is designed to run off the existing well-water infrastructure, requires no redesign of plumbing or power systems, and offers a combined heating/cooling function that few other products can match. It also uses titanium heat exchangers for maximum durability and efficiency. Furthermore, the PH300 model is exclusively manufactured to Symbiont specifications and is only available through Symbiont Services Corporation. No other system offers this level of compatibility, efficiency, or service continuity.

Action To Be Taken: No action is required if you agree this proposed purchase is a valid sole-source. If you do not agree that this proposed purchase is a sole-source, you may respond by submitting in writing through OpenGov with the vendor's name, address, point-of-contact, telephone number, email, and a statement regarding the capability to provide the specified procurement. Interested vendors will be considered only if they respond with clear and convincing documentation that they are capable of meeting or exceeding the requirements stated herein. All responses received by 2:00 pm on Thursday, January 22, 2026 will be reviewed by the City. All responses must be submitted electronically at

<https://procurement.opengov.com/portal/pembrokepines/projects/227922>.



SECTION 2 - SUBMITTAL DOCUMENTS

Action To Be Taken: No action is required if you agree this proposed purchase is a valid sole-source. If you do not agree that this proposed purchase is a sole-source, you may respond by submitting in writing through OpenGov with the vendor's name, address, point-of-contact, telephone number, email, and a statement regarding the capability to provide the specified procurement. Interested vendors will be considered only if they respond with clear and convincing documentation that they are capable of meeting or exceeding the requirements stated herein.

1 Response*

*Response required



October 1, 2025

Re: Symbiont Service Corporation – Ph300 Water Source Geothermal Unit

Please use this letter as confirmation of the Symbiont Service Corporation (SSC) binding Distribution Agreement with Aqua Cal AutoPilot, Inc., (Aqua Cal) for the Symbiont product line.

AquaCal produces a line of Geothermal Swimming Pool Heat Pumps to SSC specifications and brands this product line as the "Symbiont". Symbiont Pool Heaters are manufactured exclusively for Symbiont Service Corp. SSC is the sole source provider of the Symbiont Geo-Thermal Pool Heater product line.

Specifically, Aqua Cal produces unit PH300, Geothermal Water Source Unit pool heater/chiller. The specifications of this unit do not parallel any other water source unit on the market. As of the date of this notification, this unit is unique to SSC and is not offered by any other known competitor or dealer.

We at Aqua Cal appreciate our long-standing relationship with SSC and look forward to many more years of professional association with SSC.

STEPHEN KING

Aqua Cal Autopilot, Inc
Regional Sales/Service Center Manager
C: 813-710-0790
E: StephenK@aquacal.co

Symbiont Service Corp

Pool Heating • Air Conditioning
GeoThermal Comfort Solutions



“One Company, One Call, Complete Comfort!”

Description of Operation & Specifications

Model PH-300-TT



Description of Operation

The SYMBIONT™ Geo-Thermal Pool Heater is a high quality, high performance, dedicated water-to-water package heat pump.

The SYMBIONT™ is designed to provide high performance operation on private and public pools and spas. Like gas, the SYMBIONT™ is totally unaffected by outdoor weather conditions and has a 15-20 year serviceable life expectancy.

The SYMBIONT™, while competitively priced with either solar heating systems or air source heat pumps, costs substantially less to operate than any air source available. When cost of operation and dependability are considered, the SYMBIONT™ has no equal.

When the pool pump is running, and on demand of the thermostat, the SYMBIONT™ pool heater and source water pump are energized to heat the pool.

Like any heat pump, the SYMBIONT™ uses a refrigerant vapor compression cycle to extract free heat from one place (the heat source, either a well, a lake, or canal) and deliver it to another (the pool or spa). All you pay for is the electricity used by the compressor and pumps.

Features

- Modular Design with Easy Piping and Wiring Access
- Painted Aluminum Cabinets with Raised-Base Aluminum Chassis
- Insulated for Quiet Operation
- High Efficiency Scroll Compressor with Inherent Motor-Protector
- Titanium Tube-Shell Heat Exchangers
- Refrigerant Liquid Receiver and Filter/Dryer
- Refrigerant Sight-Glass with Moisture Indicator
- Thermostatic Expansion Valve
- High and Low Pressure Switches
- Time Delay Compressor Protectors
- Electronic Digital Pool/Spa Thermostat
- Factory Installed Reverse-Cycle Summer Pool Cooling
- ARL or ETL Listed/Approved

Specifications*

Source EWT (Entering Water Temp)	65F	75F
BTUH Rating	276,000	307,000
COP	5.58	6.01
Source Water/Pool Water GPM	60/60	
Source Water Connections FPT	2"	
Compressor	20 HP	
Volts/Hertz/Phase	208-230/60/3	460/60/3
RLA	63.65	30
LRA	501	???
Minimum Circuit Ampacity	79.56	39.18
Maximum Breaker	120	70
Weight	971 lbs.	
Length/Width/Height	61" x 35" x 40"	