

RESOLUTION 16-63

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA APPROVING THE PURCHASE OF ONE SYMBIONT GEOTHERMAL POOL HEATING/COOLING UNIT IN THE BASIC AMOUNT OF \$18,635; AUTHORIZING A BUDGET AMENDMENT TO FUND THIS PURCHASE; AND PROVIDING AN IMMEDIATELY EFFECTIVE DATE.

BE IT RESOLVED by the City of Panama City Beach, Florida that:


1. The appropriate officers of the City are authorized but not required to execute and deliver on behalf of the City that certain Agreement between the City and Symbiont Service Corp. relating to the purchase of one Symbiont Geothermal Pool Heating/Cooling unit to be used by the Aquatics Center, in the total amount of Eighteen Thousand Six Hundred and Thirty Five Dollars (\$18,635), on substantially the terms and conditions set forth in the quote attached hereto as Exhibit A and presented to the Council today, draft dated March 11, 2016, with such changes, insertions or omissions as may be approved by the City Manager, whose execution of such agreement shall be conclusive evidence of such approval.
2. The following budget amendment (# 19) is adopted for the City of Panama City Beach, Florida, for the fiscal year beginning October 1, 2016, and ending September 30, 2016, as shown in and in accordance with the attached and incorporated Exhibit B, to reflect the appropriation of funds for the purposes stated herein.
3. This Resolution shall take effect immediately upon passage.

PASSED, APPROVED AND ADOPTED at the regular meeting of the City Council of the City of Panama City Beach, Florida, this 24 day of March, 2016.

CITY OF PANAMA CITY BEACH

By: 
Gayle F. Oberst, Mayor

ATTEST:


Diane Fowler, City Clerk

Bid Specifications



Date: 3/18/2016
To: Mario Gisbert
From: Jim Ponek, Parks and Recreation Director
Subject: 5 Symbiont Geothermal Pool Heating/Cooling Units

The Parks and Recreation Department received one bid for the replacement of 5 Symbiont Geothermal Pool Heating/Cooling Units for the Aquatic Center. The only bid was received from Symbiont Service Corp. for \$83,775.00 for the replacement of the 5 units.

After discussion with you, Finance Director and City Attorney, I went back to contractor and negotiated price for different options instead of purchasing all 5 units at this time. Options are attached.

Staff's recommendation at this time is only to purchase one unit at \$18,635.00.

Staff Report

March 24, 2016

To: City Council

By: Jim Ponek, Director of Parks and Recreation

Staff is recommending a budget amendment for the purchase of one Pool Heater/Cooler. Budget amendment is attached.

The Heaters/Coolers are going on 10 years old and for the last two winter seasons, we have had heater issues. Last year we replaced one heater and this season we have had several repair visits which has added up into the thousands of dollars. We are presently only working on 5 of 6 heaters as another heater has gone down this year. During January/February due to the heater issues, the pool was closed for over 8 days which has caused many issues for local swim teams, visitors, visiting teams and customers. The professionals are saying that our heaters/coolers have met their life expectancy and that they recommend replacing the remaining 5 heaters/coolers as soon as we can.

Staff originally requested a bid to replace all 5 heaters/coolers. Symbiont Service Corp. was the only responsive bidder at a total cost of \$83,775.00.

Symbiont Service Corp. has given us other options to replace these aging units while offering discounts for replacing multiple units at one time.

1 Unit \$18,635.00

2 Units \$34,590.00 - \$17,295.00 each

3 Units \$51,565.00 - \$17,188.33 each

4 Units \$67,240.00 - \$16,855.00 each

All of these options are still within their initial bid amount of \$83,775.00

These options are attached for your review.

Staff's recommendation at this time is to replace one heater/cooler and when others fail to replace them at that time.

The City Manager and Finance Director have reviewed and approve the recommendation of the purchase of the pool heater and installation. Also budget amendment has been prepared by finance Director.

**CITY OF PANAMA CITY BEACH
 BID TABULATION**

Bidder	Address	Information	Price
Symbiont Service Corp.	4372 N Access Road Englewood, FL 34224	5 Symbiont PH 215-TT-RV Geo Thermal Pool Heating/Cooling Units (460v 3 phase)	\$83,775.00

Symbiont Service Corp.

Go Green • Go GeoThermal

"One Company, One Call, Complete Comfort!"



QUOTATION

To: Frank Brown Aquatic Center
16200 Panama City Beach Parkway
Panama City Beach, Florida 32413

Phone: 850-233-5045
Attn: Cheryl Joyner

Date 3/11/2016

No 3112016-1

Page 1 of 1

Job Frank Brown Park

Valid for 90 days

Terms Progressive Billing

Frank Brown Park Aquatic Center, Panama City Beach

Description

5 Symbiont PH-215-TT-RV GeoThermal Pool Heating/Cooling Units (460v 3 phase)
delivered and installed per Bid Specifications \$83,775.00

Includes:

Heating/Cooling units delivered and installed.
The existing Ranco t-stat will be removed.
The digital t-stat on the lead unit will become the controlling t-stat for heating and cooling.
The intermediate plate heat exchanger and loop pump will be removed and hauled away.
One year Symbiont Service Corp all parts and labor warranty on the installation.
Five year manufacturer's labor warranty on the Symbiont units.
Seven year manufacturer's all parts only on the Symbiont units.
Lifetime parts on titanium tube portion of the condenser and evaporator heat exchangers.

Does not include:

Local municipal permits

Exhibit A

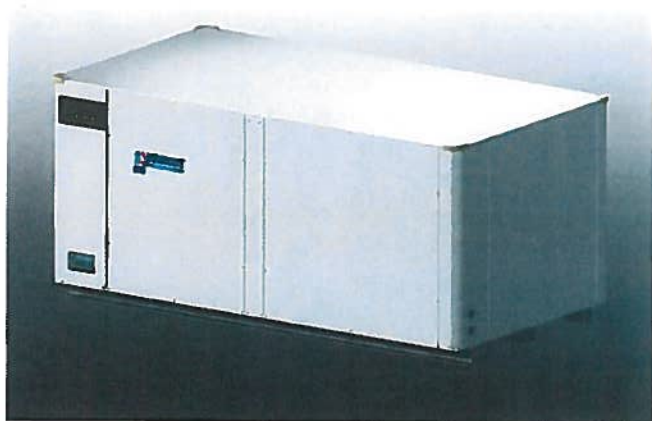
Symbiont Service Corp.

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Description of Operation & Specifications

MODEL PH-215-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	199,014	221,545
COP	6.07	6.62
Source Water/Pool Water GPM	50	
Source Water Connections FPT	2"	
Compressor	13 HP	
Volts/Hertz/Phase	208-230/60/3	460/60/3
RLA	51.3	23
LRA	300	150
Minimum Circuit Ampacity	64.1	28.8
Maximum Breaker	100	40
Weight	520 lbs.	
Length/Width/Height	60" x 34" x 40"	

4372 North Access Road, Englewood, FL 34224, (941) 474-9306, (800) 881-4328, Fax (941) 473-9306

* Specifications subject to change.

December 2, 2014

