

RESOLUTION 16-91

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 \$17,295; 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 Seventeen Thousand Two Hundred and Ninety Five Dollars (\$17,295), 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 (# 38) is adopted for the City of Panama City Beach, Florida, for the fiscal year beginning October 1, 2015, 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 23 day of June, 2016.

CITY OF PANAMA CITY BEACH

By: 
Mike Thomas, Mayor

ATTEST:


Diane Fowler, City Clerk



CITY OF PANAMA CITY BEACH AGENDA ITEM SUMMARY

1. DEPARTMENT MAKING REQUEST/NAME:

Parks and Recreation

2. MEETING DATE:

June 23, 2016

3. REQUESTED MOTION/ACTION:

Staff's recommendation is to replace a heater/cooler at the amount of \$17, 295.00 and to provide a budget amendment as per attached.

4. AGENDA

PRESENTATION
PUBLIC HEARING
CONSENT
REGULAR

5. IS THIS ITEM BUDGETED (IF APPLICABLE)? Yes No N/A
BUDGET AMENDMENT OR N/A

DETAILED BUDGET AMENDMENT ATTACHED Yes No N/A

6. BACKGROUND: (WHY IS THE ACTION NECESSARY, WHAT GOAL WILL BE ACHIEVED)

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 seasons, we have now had (3) units go down. In 2015 we replaced one heater and back in March of 2016 the City Council had approved to replace another heater/cooler.

In preparing to install the 2nd approved heater/cooler we have found that a third heater/cooler also needs to be replaced. We are presently only working on 4 of 6 heaters/coolers. 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.

Due to limited contingency budget for the Aquatics Center, 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 – Already approved at City Council Level at the March 24, 2016 meeting

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

Staff's recommendation at this time is to replace a third heater/cooler in the amount of \$17, 295.00, and to provide a budget amendment as per attached.

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

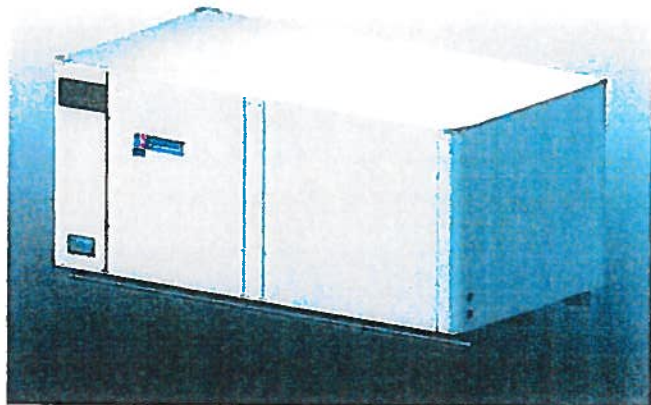
Symbiont Service Corp.

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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

**CITY OF PANAMA CITY BEACH
BUDGET TRANSFER FORM BF-10**

No. BA # 38

FUND	AQUATIC CENTER ACCOUNT NUMBER	ACCOUNT DESCRIPTION	APPROVED BUDGET	BUDGET ADJUSTMENT	NEW BUDGET BALANCE
TO	403-0000-572.64-20	Machinery and Equipment	37,400.00	16,000.00	53,400.00
FROM	403-0000-999.96-00	Reserves Available for Expenditures	56,050.00	(16,000.00)	40,050.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
		Check Adjustment Totals:	93,450.00	0.00	93,450.00

BRIEF JUSTIFICATION FOR BUDGET ADJUSTMENT:

To appropriate funds from contingency to replace additional pool heater/cooler per recommendation of staff (Company to honor original bid price for (2) heaters - budget amendment reflects the difference between the price for (2) units and previous budget amendment #19)

ROUTING FOR APPROVAL

_____ DEPARTMENT HEAD _____ DATE

_____ CITY MANAGER _____ DATE

_____ FINANCE DIRECTOR _____ DATE

Exhibit R