



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#14-0724

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: August 19, 2014

TITLE: Motion to award proprietary purchase for the removal and reinstallation
services of geothermal pool heat/cool systems – \$95,110

Recommendation

It is recommended that the City Commission award a proprietary purchase for the removal and reinstallation services of geothermal pool heat/cool systems to Symbiont Service Corporation (Symbiont) utilizing the City's Contract (Form P-0001) in the amount of \$95,110.

Background

The Parks and Recreation Department is requesting to purchase services to remove and reinstall geothermal pool heat/cool systems at Carter, Croissant and Riverland Park pools. The closure and subsequent demolition of the City's Fort Lauderdale Aquatic Complex (FLAC) this November is to make way for the construction of a brand new, state of the art aquatic facility. All existing aquatic programming, including Swim Fort Lauderdale, the City's USA Swimming & US Masters competitive swimming team, will be relocated to three of the City's community swimming pools (Croissant Park, Riverland Park and Carter Park). The programming activities will remain at these facilities until the new aquatic center opening.

In order to accommodate the specialized needs of the aquatic programming, it is necessary to have the capability to heat and cool the pool water to levels conducive to competitive swim training, lap swimming, etc.

Currently, FLAC, and the Carter Park facility have the ability to cool their pool water, via the use of ground source (geothermal) electric heat pump systems. However, the Croissant Park and Riverland Park pools do not have the ability to cool the pool water. The facilities can only heat the water by the use of natural gas which is quite costly.

Based on the above, by repurposing some of the existing, viable, geothermal heating and chilling components currently in use at the FLAC, and installing them at the Croissant Park and Riverland Park pools, a cost-effective solution is achieved. Not only will the need to cool the pool water to acceptable temperatures be satisfied, but the City will also realize specific cost savings.

Operationally, savings will be achieved via a reduction in energy costs. Geothermal systems are the most economical way to heat and cool pool water. There will be a reduction of capital expenditures by eliminating the need to replace both facilities' aging natural gas heaters (estimated at a combined \$60-\$70,000 dollars). In addition, savings will be achieved through the use of existing equipment from the FLAC, thus eliminating the need to purchase brand new geothermal heating and chilling components - the cost of which would double the requested \$95,100 purchase.

The existing geothermal systems at FLAC were designed, engineered and installed by Symbiont (in 2006 and 2007 respectively); and have been continually maintained and serviced solely by Symbiont via the proprietary purchase of annual planned service and maintenance agreements.

As such, Symbiont remains the only vendor qualified for the removal of the existing geothermal heating and chilling components at the FLAC and the reinstalling of said equipment at Croissant Park Pool and Riverland Park Pool respectively. The company will continue to provide annual planned service and maintenance of the repurposed equipment at both sites.

Resource Impact

There will be a fiscal impact to the City in the amount of \$95,110. The available balance in the chart below reflects the amount remaining after the removal of pre-encumbrance established for this purchase. Pre-encumbrance is included in RQ1407054 in the amount of \$95,110.

Funds available as of June 25, 2014					
ACCOUNT NUMBER	INDEX NAME (PROGRAM)	OBJECT CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Object Code)	AVAILABLE BALANCE (Object Code)	PURCHASE AMOUNT
001-PKR030601-3434	Programming	Services & Materials/ Improvement Repair Materials	\$381,151	\$81,418	\$95,110
PURCHASE TOTAL ►					\$ 95,110

Strategic Connection:

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Public Places Cylinder of Excellence, specifically advancing:

- Goal 3: Be a community that finds opportunities and leverages partnerships to create unique, inviting, and connected gathering places that highlight our beaches, waterways, urban areas and parks.
- Objective 1: Improve access to and enjoyment of our beach, Riverwalk, waterways, parks, and open spaces for everyone.

This item advances the *Fast Forward Fort Lauderdale Vision Plan 2035: We are Here*.

Attachment

Exhibit 1 – Agreement

Prepared by: AnnDebra Diaz, Procurement Specialist II
Elizabeth Cohen, Administrative Assistant I

Department Director: Phil Thornburg, Parks and Recreation