

Governing Body Agenda Item

Name/Department: Parks and Recreation

Meeting Month: June 2010

Meeting Week:

(Week 1) Business Meeting/Consent

(Week 3) Regular Meeting/Consent X

Time Sensitive? Yes X No

Topic: Filter replacement at Signal Bay

Brief Summary of Topic: The Department of Parks and Recreation is requesting authorization to procure 2 Neptune Benson horizontal fiberglass filter tanks and associated plumbing for the leisure pool portion of Signal Bay Water Park. The degradation of the current filter, as a result of excessive inclement weather this past winter and advance aged (15 years), has left the structural integrity completely compromised. A large hole has rusted through several fissures and is unable to be repaired. A temporary treatment has been installed; however it will not last during a full operational period.

Thank you for your consideration.

**Governing Body Consent Agenda
June 18, 2010**

Subject: Filter replacement at Signal Bay

Issue: The Department of Parks and Recreation is requesting authorization to install two (2) horizontal fiberglass filter tanks for the leisure pool filtration system located at Signal Bay Water Park.

Background:

- Signal Bay Water Park opened in 1996.
- The filtration system is the only component of the water park operation that has not been upgraded or replaced.
- The filtration system consists of three pumps and motors that supply chemically treated and/or fresh water to the facility.
- The facility has two pools that have independent filtration tanks; leisure pool and the lazy river.
- The current filters are Miami filters, constructed of steel and filled with sand and composite pebbles

Discussion:

- On May 24, 2010 a citizen reported that water appeared to be flooding out of the facility. Upon further inspection, it was determined that an area, about the size of a golf ball, had eroded/rusted. Thus, with the filtration system running at full power, water was escaping through the hole.
- Staff was able to apply a temporary patch to allow for opening weekend operation. The following Tuesday, upon inspection, the patch had failed and the hole had continued to degrade, now about the size of a softball.
- Staff was able to apply an additional patch – however, that now is beginning to fail.
- A full replacement is required to keep the facility open for the season.
- If the facility is not open, approximately \$150,000.00 in revenue will not be attained.
- Three quotes were received as follows:

Company	Lead Time	Amount
Endless Summer Aquatics, Inc	In stock – 24 hours notice	\$20,000.00
Millennium Pool Service	In stock	\$22,506.72
Winkler Pool Management, Inc	Not provided	\$24,522.00

- Low quote is Endless Summer Aquatics.
- Proposal is to replace the obsolete Miami Filter with two (2) Neptune-Benson Horizontal Fiberglass Filter Tanks with 15 years warranty. The work is turn key and includes the removal and disposal of the Miami Filter tank and media.
- Endless Summer Aquatics can install the new filters within the design constructs of the facility and without interrupting the operation. The facility is closed daily during the week until June 21st.
- The Department recommends utilizing the bond funding for the expenses associated with this emergency repair, as the current DPR budget does not have the funds available. The Finance Director and the City Manager have been consulted on the issue and the source of funds.

Recommendation:

- Authorize the Department to authorize the procurement of two (2) Neptune-Benson Filters from Endless Summer Aquatics, Inc in the amount of \$20,000.00.
- Pros: Allows the continuation of a successful operation and continues to provide uninterrupted service to the citizens.
- Cons: Unbudgeted expense.
- Cost: \$20,000.00.

Alternatives:

Governing Body Agenda Item

Name/Department: Parks and Recreation

AGENDA ITEM be
6/15/10

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- Staff was able to apply an additional patch – however, that now is beginning to fail.
- A full replacement is required to keep the facility open for the season.
- If the facility is not open, approximately \$150,000.00 in revenue will not be attained.
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- Cons: Unbudgeted expense.
- Cost: \$20,000.00.

Alternatives:

- Do not authorize the procurement. If the filter is not replaced at this juncture the department will have no other choice than to close the facility for the season.

Coordination:

- Parks and Recreation Department
- City Manager
- Finance Director

Attachments:

- A: Additional Services Request Letter, HDR

City Business License: YES NO

Not Applicable

Prepared by: Catherine Morretta

Date 6/09/10

Reviewed by: _____

Date _____

Approved by City Attorney: _____

Date _____

Approved by City Manager: _____

Date _____

