



City of Grand Island

Tuesday, January 13, 2015

Council Session

Item G-17

#2015-14 - Approving Bid Award for Upgrade of Wave Generation System at Island Oasis Water Park

Staff Contact: Todd McCoy

Council Agenda Memo

From: Todd McCoy, Parks and Recreation Director

Meeting: January 13, 2015

Subject: Upgrade of Wave Generation System at Island Oasis Water Park

Item #'s: G-17

Presenter(s): Todd McCoy, Parks and Recreation Director

Background

On December 23, 2014 the Parks and Recreation Department advertised a Request for Proposals (RFP) to Upgrade the Wave Generation System at Island Oasis Water Park. The project includes replacing the old system with modern stainless wave generators, directional air valves, a computerized control unit, and complete pneumatic system. The current system is original from 1993 and has become unreliable.

Discussion

One proposal was received from Aquatic Development Group, Inc. of Cohoes, New York. Staff recommends accepting the proposal from Aquatic Development Group in the amount of \$176,900. They are a nationally recognized wave systems provider. Because Aquatic Development Group originally provided the equipment back in 1993, they have firsthand knowledge of the Island Oasis wave system. Dollars are approved in the 2014-2015 capital improvement budget for this project and will be funded by Capital Account 40044450-90032.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the City Council accept the proposal from Aquatic Development Group, Inc. of Cohoes, New York to Upgrade the Wave Generation System at Island Oasis Water Park.W

Sample Motion

Move to approve the proposal from Aquatic Development Group to Upgrade the Wave Generation System at Island Oasis Water Park in the amount of \$176,900.



Stacy Nonhof, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

**REQUEST FOR PROPOSAL
FOR
UPGRADE OF WAVE GENERATION SYSTEM AT ISLAND OASIS WATER PARK**

RFP DUE DATE: January 7, 2015 at 4:00 p.m.

DEPARTMENT: Parks & Recreation

PUBLICATION DATE: December 23, 2014

NO. POTENTIAL BIDDERS: 2

SUMMARY OF PROPOSALS RECEIVED

Aquatic Development Group
Cohoes, NY

cc: Todd McCoy, Parks & Recreation Director
Marlan Ferguson, City Administrator

Patti Buettner, Parks & Rec. Admin. Assist.
William Clingman, Interim Finance Director

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December 22, 2014

**Office of the City Clerk
City of Grand Island, Nebraska
P.O. Box 1968
Grand Island, NE 68802**

PROPOSAL

Upgrade of Wave Generation System at Island Oasis Water Park

**Proposal of: Aquatic Development Group, Inc.
d.b.a. Hydrotech Systems, Ltd.
P.O. Box 648 / 13 Green Mountain Drive
Cohoes, New York 12047
518.783.0038
F.E.I.N. 14-1638984**

Project Approach:

We propose a complete upgrade of the existing WaveTek wave generation system, which was originally provided by Aquatic Development Group (ADG) in the early 1990's. This work is comprised of removing the existing wave generation system, air compressor, controls, etc. required to install the new, updated WaveTek wave generation system. The existing embedded anchor systems to be re-used as well as the splash guards, caisson grates and the plenum discharge flanges that have been inspected and found to be in good working order.

Upon award of a contract, ADG will prepare detailed submittals and shop drawings of all work and materials to be incorporated into the project. Upon receipt of these submittals, signed as approved by the City, we will

P.O. Box 648, 13 Green Mountain Drive, Cohoes, NY 12047 ✉ P: 518.783.0038 ✉ aquaticgroup.com

commence manufacturing of the wave system, which is anticipated to require 12-14 weeks to complete.

During the manufacturing process, our installation sub-contractor (USA, Inc. of Downers Grove, Illinois) will mobilize on site to remove the existing equipment and to prepare access for new equipment.

Once the new system arrives on-site, USA, Inc. will install the new wave system complete, including new concrete bases for the wave generators and prepare the system for operation.

Upon completion of the wave system installation, construction debris will be removed and the site will be broom cleaned and made ready for final inspection.

Upon completion of required electrical work and filling of the pool, ADG technicians will return to the site to perform system start up and operator training.

Equipment Listing:

WAVEPOOL DATA - **WGE WIDTH:** 60 feet **DEPTH:** 5 feet **# OF CAISSONS:** 6 straight

This **WaveTek VaraWave System** is designed to produce a **3.5'+ high diamond** wave pattern, up to (7) additional recreational wave patterns, and includes the following major components:

- (2) 50 HP stainless steel WaveTek wave generators
- (3) stainless steel VaraWave air directional valves
- (1) computerized motor control center with individual reduced-voltage motor starters
- (1) complete pneumatic system including 15 HP air compressor w/120 gal. receiver tank

- replacement bands and stainless steel clamps for reconnection of plenum flanges to air directional valves
- spare parts kit and wall mounted cabinet
- Wave system technician (3) days on-site for start-up & operator training

Total Price: \$176,900.00

Pricing includes a \$20,000 allowance for required electrical work. Should electrical work ultimately be less than the allowance, overage is to be refunded to the City.

Company History:

ADG's roots date back to the early 1960's. ADG was recognized as the largest commercial swimming pool contractor in the nation building literally thousands of commercial, public and institutional pools, up to and through the 1980's. In the 1980's ADG began manufacturing WaveTek wave generation systems and a wide variety of products utilized in the construction of pools and waterparks nationwide.

ADG's WaveTek systems have been utilized in hundreds of wave pool and specialty applications worldwide. WaveTek systems have set the standard in wave generation technology for more than 30 years. More than 90% of the wave systems in operation in the U.S. are WaveTek systems.

WaveTek systems have been installed in many municipal wave pools over the past 30-years. Among our municipal and public clients are the following:

City of Lebanon, Indiana
City of Baytown, Texas
City of Marion, Indiana
Allegheny County, Pennsylvania
Oakland County, Michigan
Putnam County, West Virginia
State of Mississippi

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U.S. Coast Guard
U.S. Navy
City of North Charleston, South Carolina
City of Denver, Colorado
City of Ankeny, Iowa
City of Pella, Iowa

A more comprehensive listing of our wave system installations is attached for reference.

Exceptions:

No exceptions taken

Proposed Schedule:

Upon award of contract, complete submittal drawings, 2-3 weeks.
Upon receipt of approved submittals, manufacture wave system 12-14 weeks
Demolition, removal and preparation of site, 3-4 weeks
Installation of wave system, 2-3 weeks
Upon completion of electrical work, start-up and operator training, 3-days
Project completion by May 20, 2015

Respectively submitted

AQUATIC DEVELOPMENT GROUP, INC



David L. Keim, Vice President

RESOLUTION 2015-14

WHEREAS, the City of Grand Island is in the process of updating Island Oasis Water Park; and

WHEREAS, the City of Grand Island issued a Request for Proposals (RFP) for Upgrade of the Wave Generation System at Island Oasis Water Park; and

WHEREAS, one proposal was received and the proposal from Aquatic Development Group, Inc. met all the requirements of the project; and

WHEREAS, Aquatic Development Group, Inc. of Cohoes, New York, submitted a proposal for such project in accordance with the Request for Proposals in the amount of \$176,900.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Proposal with Aquatic Development Group, Inc. of Cohoes, New York for the Upgrade of the Wave Generation System at Island Oasis Water Park is hereby approved at a cost of \$176,900.00.

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such agreement on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, January 13, 2015.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
January 9, 2015	☐ City Attorney