



## Proposal

<b>Dated:</b> 1/27/2017  <b>Prepared For:</b> Stephanie Johnson City of Key West <a href="mailto:sjohnson@cityofkeywest.fl.gov">sjohnson@cityofkeywest.fl.gov</a> 305-809-3765	<b>Project Name:</b> City of Key West  <b>Aquatix Proposal Number:</b> 17107A-2
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Dear Stephanie:

Aquatix by Landscape Structure is pleased to provide a quote of products for the referenced project. This proposal is based on the information provided in the bid request. Detailed product specifications are attached.

It is our understanding that Aquatix by Landscape Structures is to provide the following water play features for the above referenced project.

### Water Play Features

<u>Qty</u>	<u>Description</u>	<u>Unit Sales Price</u>	<u>Final Sales Price</u>
1	<b>Water Shower</b>	\$3,410.00	\$3,410.00
1	<b>Misting Water Post</b>	\$2,520.00	\$2,520.00
1	<b>Tot Arch - SS</b>	\$3,900.00	\$3,900.00
4	<b>Stream Jet</b>	\$240.00	\$960.00
2	<b>Arch Jet</b>	\$240.00	\$480.00
2	<b>Sea Crawler</b>	\$360.00	\$520.00

Water play feature design notes:

- All above water play features are to be the standard product of Aquatix by Landscape Structures.
- Product materials are to be of FRP or structural plastics unless otherwise noted as Stainless Steel (SS).
- All ground spray features are imbed and installed prior to concrete being poured.

### Mechanical System

<b>Recirculation System</b>	<b>\$81,174</b>
<b>1 Filtration Skid</b> A pre-plumbed, pre-wired, integrated equipment system mounted on an epoxy skid. System to consist of main motor control panel, filtration pump, cartridge filtration system, automatic chemical treatment controller, gauges, and flow meter. System to be capable of 140 gpm filtration rates.	
<b>1 Chemical Treatment</b> To consist of Chlorine Erosion Feeder, Liquid Acid Pump, and (1) Chemical Solution Crock.	
<b>1 Feature Skid</b> A pre-plumbed, pre-wired, integrated equipment system mounted on an epoxy skid. System to consist of a self-priming feature pump with integral hair and lint strainer, check valves, isolation valves, gauges, and flow switch. System to be capable 60 gpm feature flow rates.	
<b>1 Distribution Manifold</b> A pre-plumbed distribution manifold for all water activities. Manifold to be connected to feature pump discharge and have all discharge lines with manual flow control to water play elements.	

**1 Prefabricated Water Reservoir**

To consist of a 3000 gallon concrete vessel complete with access hatch, access ladder, venting pipes, water level control float, overflow outlet, submersible pump out system, mounting hardware and all piping and electrical connections specific to project design.

**1 Aquavator**

To consist of a low voltage touch sensor within the cap of the bollard. When patrons touch the top of the bollard a signal will go to the control panel to activate feature supply system for set duration of time.

**1 Control Panel - All On/Off**

To be an UL listed project specific designed control panel that will provide complete operating system power distribution and system controls for an all on / off splash pad system.

**1 Collector Box**

To consist of a 18" diameter fiberglass or PVC basin with grate top. Each collector box has a nominal capacity of 250 gpm gravity supply to water containment vessel.

**1 Rain Diverting Waste Valve Box**

To consist of an electric solenoid valve housed in a plastic burial housing that will allow for collector boxes to drain to waste when feature pumping system is not operating.

**Design Services**

**Design & Construction drawings:**

**\$7,363**

Including: All design and construction drawings for splash pad project construction to consist of construction of concrete pad, mechanical system, electrical and control systems, inbed spray fixtures / collector box installation details, water plays structure assembly / installation on concrete splash pad, equipment systems installation and hookups.

Splash Pad Design Notes:

1. Aquatix by Landscape Structures design services are based on ideal site locations and conditions.
2. Aquatix by Landscape Structures design services do not include soil corrections, demolition planning, site elevation plans, utility planning / design or relocation of utilities. (i.e. based on water, waste and power being available at designed area's of splash pad by others.)
3. All permits and costs of permits are not included in our splash pad design package.
4. Design package will be prepared based on Aquatix's interpretation of Local health code.
5. Pricing does not include sealed Engineer Stamp.

Any additional drawings associated with project outside of splash pad to be made by others. (sidewalks, landscaping, electrical)

## Pricing Summary

**Total Price for Equipment as described above:** **\$105,341**

**NCPA Purchasing Program Discount:**

**(\$590)**

**Total with Discount** **\$104,751**

**FOB Eden Prairie Freight:**

**\$12,087**

### Optional Products:

~~**Aboveground Mechanical Enclosure**~~

**Add:**

~~**\$27,263**~~

To consist of a metal above ground enclosure that will house the filtration skid, feature skid and distribution manifold. Metal enclosure to be Forest Green in color and have lockable access doors. Metal enclosure to be installed on concrete slab by others.

~~**Random Sequencing Upgrade:**~~

**Add:**

~~**\$7,398**~~

Sequencing upgrade to allow features to randomly turn on and off independently. Upgrade includes the additional of electric solenoid valves on each of the feature supply lines and individual timers to interface with each solenoid valve. Valves to be preplumbed and prewired on above distribution manifold.

**UV Disinfection System**

**Add:**

**\$16,425**

To consist of a Delta UV disinfection unit that is UL listed, NSF certified and cryptosporidium evaluated, and EPA registered. Unit has electronic controller that has UV monitors. Unit to be capable of the filtration flow rate of 70 gpm. To be provided loose. Plumbing and electrical connections by others.

### Optional Services:

**Sealed Mechanical & Structural Engineering Stamp**

**Add:**

**\$3,800**

Aquatix by Landscape Structures to have drawings stamped by a licensed PE in the State of project.

**System Startup and Training**

**Add:**

**\$5,014**

Aquatix by Landscape Structures to provide (1) factory direct technician for (2) day of system startup,

\*Aquatix by Landscape Structures offers on-site supervision and startup services at additional costs.

\*Above filtration system pricing is based on the use of cartridge filters. Sand filtration systems are available at additional costs.

\*Water heaters are offered at additional costs.

\*UV sanitization systems are recommended and offered at additional costs.

\*Equipment Enclosures are offered at additional costs (otherwise mechanical equipment to be stored in above ground equipment enclosure, by others).

## General Conditions

\*Terms of payment are 25% down with order and balance due prior to shipment.

\*Proposal is subject to the attached terms and conditions.

\*Proposal and pricing valid for 30 days.

\*This proposal and pricing is based on our interpretation of the sections of the RFP or specification that have been made available to us. Exceptions have been noted where ever possible. In the event of a conflict between the language in the specification and the proposal, the language in the proposal takes precedence and is the basis of the proposed pricing. Aquatix by Landscape Structures reserves the right to reject any order based on differences in pricing. Aquatix by Landscape Structures reserves the right to reject any order based on differences in interpretation of the specification, or for any reason, at the time an order is tendered.

\*Aquatix by Landscape Structures will not initiate work with out a fully executed contract or purchase order. Fabrication will not be initiated until complete submittal approvals have been received.

\*Submittals will be provided within two-three weeks of receipt of a fully executed contract or purchase

\*The proposed equipment can generally be shipped within 6-8 weeks after receipt of completely approved submittals. Lead time will be updated at the time of order execution.

\*Sales tax is not included in the prices quoted. All applicable Federal, State and Local sales or use taxes must be paid by the customer.

\*Freight is FOB Eden Prairie, MN.

If you have any questions or comments concerning this information, please feel free to call me at 952-345-6440. Thank you for the opportunity to bid on this project.

Sincerely,

Amy Altman  
Sales Manager