



The City of Corbin, KY is requesting proposals to design and provide one interactive water splash pad on Main Street in downtown Corbin. The City will select one (1) Supplier to provide equipment and materials for the property as outlined in this request.

SCOPE OF PROJECT

General: The below specification describes the components of a complete Sprayground equipment system **with a budget of \$75,000**. The system includes but is not limited to those components necessary to make up a completely operational system. The spray pad system is designed to operate as a water to waste system.

1. The City of Corbin desires to expand the recreational opportunities of its residents by constructing a splash pad. Construction of a splash pad will provide a safe healthy outdoor water recreation option from late spring until early fall. This type of facility is not currently available in our city.
2. All embed spray features with the potential of above grade spray features with interchangeable system to allow reconfiguration of the splash pad at a later date.
3. The control system will allow the future operation of different groups of features and/or individual features, in varying configurations, sequencing, activating individual features, and provide time of schedule. An above ground feature controller may be itemized separately. The controller must control the operational variation pattern to be determined by owner. The controller must operate the solenoid valves to change spray values of individual interactive spray features, and have on site accessible control.
4. The splash pad equipment (fiberglass spray features, embed sprays, drains, pumps, filtration, controls, manifold, sensors) will be furnished under this contract. The splash pad equipment manufacturer will coordinate the delivery of the equipment to accommodate the installing contractor installation schedule.

The Splash pad system shall consist of:

1. Multi-station interactive features;
2. Splash pad display system including valves, piping, and specialties.
3. Splash pad valves, piping, controllers, and related accessories.
4. Splash pad plumbing services including water and sewer, to designated points of connection with site utilities.
5. All electrical equipment, wiring, and conduit necessary for full operation of the splash pad as shown on the drawings.
6. Any other necessary specialties required for proper installation of the splash pad and related equipment resulting in a complete and useable splash pad.

SUBMITTALS

- A. Product Data:** For each of the products indicated. Include construction details, material descriptions, dimensions of individual components and profiles. Include rated capacities, operating characteristics, electrical characteristics, and furnish specialties and accessories.
- B. Shop Drawings:** For fabricated equipment. Include plans, elevations, and sections, roughing-in dimensions, fabrication details, utility service requirements and attachments to other work.
- C. Wiring Diagram:** For power, signal, and control wiring. Provide both power and control signal line drawings and ladder diagrams. Provide interconnecting control wiring diagrams with lags and labels for each wire and termination. Wiring diagrams will be provided no later than 30 days from signed contract.
- D. Coordination Drawings:** Indicate locations of Aquatic Playground and connections to utilities. Include plans and elevations; clearance requirements for equipment access and maintenance; details of support for equipment; and utility service characteristics.
- E. Operation and Maintenance Data:** Provide all operation and maintenance manuals for all individual components and complete system. The operation and maintenance manuals shall include all seasonal requirements of start-up and shutdown, and any other information unique to this system. At minimum the manufacturer will provide the following:

1. Sequence of operation
2. Controls functions; internal and external
3. Control equipment requirements
4. Seasonal start-up and shutdown requirements
5. Parts lists
6. Warranty information

Splash pad equipment manufacturer assumes sole responsibility for the delivery and successful integration of all equipment to meet the performance requirements of the contract documents and specifications.

Product Schedule: For each Aquatic Playground item, include the following:

1. Designation indicated on drawings.
2. Manufacturer's name and model number.
3. List of factory-authorized service agencies including their address and telephone numbers.

QUALITY ASSURANCE

- A.** All materials shall be new and shall conform to applicable standards as specified herein.
- B.** All work shall be executed by workmen skilled in the craft that they are assigned.
- C.** All Aquatic Playground equipment required by the specifications and/or the drawings shall be supplied by a single Aquatic Playground Manufacturer unless otherwise specified herein.
- D.** The Manufacturer must currently be in the business of supplying Aquatic Playground equipment, similar in size and complexity. The Manufacturer shall provide written

documentation of supplying Aquatic Playground equipment, for a minimum five (5) years of experience and shall have previously supplied Aquatic Playground system design, drawing and equipment, similar in size and complexity to this project.

E. The Manufacturer shall also provide engineering design as it pertains to the splash pad system and the equipment supplied, referring specifically to complete hydraulic and electrical design. This shall include, but not limited to: spray effects, splash pad system, filtration system, water level control system, pump selection, piping system sizing and layout.

F. The engineering design information shall be delineated on the final schematic, installation, and detail shop drawings showing the proper installation of the Manufacturer's equipment. The drawings shall be furnished as an integral part of their splash pad equipment package. Preliminary drawings shall not be used for installation.

G. Pre-installation Conference: Conduct conference at Project site prior to commencement of construction of splash pad system and equipment.

COORDINATION

- A. Coordinate splash pad layout and installation with other work, including potable water distribution, electrical power, sanitary system, storm drain system, etc.
- B. Coordinate location and requirements of utility service connections.
- C. C. Coordinate size, location, and requirements.

WARRANTY

A. Splash pad Equipment Warranty: manufacturer's standard form in which manufacturer agrees to repair or replace components or equipment that fail in a materials or workmanship within specified warranty period.

1. Warranty Period: 15 years minimum from date of substantial completion against corrosion, material and workmanship will be warranted for not less than 5 years, and electrical components will be warranted for not less than 1 year.

GENERAL

- 1. Approximate size of pad is 2,500 square feet
- 2. Please include age zones in your proposal
- 3. Include locations and types of deck drains
- 4. Include method of activation (recessed activation or post bollard)
- 5. Include types of pumps, piping and fixtures. (PVC, Fiberglass, Stainless Steel, etc.)
- 6. List description and capability of controller (CPU) as these devices vary.

- Include a combination of individual features that would be suitable for the pad size dimensions. Design to allow for future feature additions/changes and all designs shall be flush with surface of pad
- Each proposer will be allowed to submit up to three separate designs as long as each design is within the specified budget amount.
- Proposer may elect to submit a “theme” - The Corbin City Commission desires to construct a splash pad that contains elements that embody/represent the attractions located within the city such as the Laurel Lake, Cumberland Falls State Park, the railroad, the original KFC. Proposers are encouraged to use neutral and earth tone colors and to be creative in the design process.
- Design shall include designated area for toddlers and other areas for all age groups of children
- Low flow water conservation options

Questions concerning the bid should be directed to:

Marlon Sams and Maggy Kriebel

City Manager and Director of Tourism

805 A. Main Street, Corbin, KY 40701

606-523-6506; 606-528-8860

Marlon.sams@corbin-ky.gov; Maggy@corbinkytourism.com

The City of Corbin shall be exempt for any liability for costs incurred by unsuccessful Suppliers in preparation of the proposals.

DESIGN ELEMENT GUIDELINES & SPECIFICATIONS

Suppliers should base their splash pad designs on meeting all accessibility and safety standards as well as the guidelines & specifications listed in this RFP. Quality of equipment components, quality of design, cost, and appropriateness to location and target demographic must be taken into consideration in the design of these systems.

PROPOSAL SUBMITTAL AND CONTENT

Sealed proposals must be submitted to the City of Corbin by 5:00PM December 17, 2018 and must be addressed as follows:

Proposal for Splash Pad

C/O Roberta Webb, City Clerk

805 S. Main Street, Corbin, KY 40701

606-528-0669

roberta.webb@corbin-ky.gov

Proposals must include complete drawings and specifications. Bids must list the cost of the equipment. The City reserves the right to reject any and all proposals with or without cause, and to accept proposals which it considers most favorable.

Delivery costs must be included in the proposal. Payment for equipment and materials will be sent within sixty (60) days after delivery and invoicing of the systems.

All proposal amounts shall be guaranteed for not less than ninety (90) days after the proposal submittal deadline date.

No proposal may be withdrawn within a period of sixty (60) days after the bid opening date. Prices shall include delivery f.o.b., freight paid by the bidder to the jobsite.

The Supplier must submit three (2) hard copies and one (1) electronic copy, on a CD, of the proposal to the address listed above. All Proposals must comply with the specifications and guidelines provided in this document.

The City of Corbin reserves the right to negotiate an agreement based on fair and reasonable compensation for the scope of work and services proposed, as well as the right to reject any and all responses deemed unqualified, unsatisfactory or inappropriate at the sole discretion of the City.

EVALUATION AND SELECTION PROCESS

Proposals will be evaluated by a selection committee based on the following criteria:

<u>Criteria</u>	<u>Points</u>
1. Proposal addresses design guidelines and specifications	0-25
2. Quality of design	0-20
3. Quality and durability of equipment	0-20
4. Reputation and reliability of manufacturer	0-10
<u>5. Overall quality of Proposal</u>	<u>0-10</u>

Maximum Points: 85

PLEASE NOTE: Additional points may be given for designers that include a method to recapture water from the Splash Pad and use for other purposes for recycling purposes.

The award will be made to the qualified Supplier whose proposal is deemed most advantageous to the City, all factors considered. Unsuccessful Suppliers will be notified in writing as soon as possible.