

Introduced by: City Manager Nathan Mai-Lombardo

AN ORDINANCE OF THE CITY OF BERKELEY, MISSOURI, AUTHORIZING THE CITY MANAGER TO EXECUTE AN AGREEMENT WITH ALL INCLUSIVE REC FOR THE CONSTRUCTION OF A SPLASH PAD AT THE BERKELEY MUNICIPAL POOL ACCORDING TO RFP #921

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BERKELEY, MISSOURI, AS FOLLOWS:

- Section 1.** The City Manager is hereby authorized to enter into and execute agreements with All Inclusive Rec for the construction of a Splash Pad accordance to RFP #921.
- Section 2.** The agreements will be attached and hereby incorporated herein and made a part of this ordinance, as if fully set out herein.
- Section 3.** This Ordinance shall be in full force and effect from and after its passage.

1st Reading this _____ day of _____ 2023
2nd Reading this _____ day of _____ 2023
3rd Reading, PASSED and APPROVED, this _____ day of _____ 2023

Babatunde Deinbo, Mayor

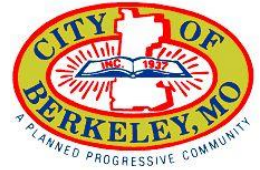
ATTEST:

Deanna L. Jones, City Clerk

Approved as to Form:
Donnell Smith, City Attorney

Final Roll Call:

Councilwoman Verges	Aye ___	Nay ___	Absent ___	Abstain ___
Councilwoman Williams	Aye ___	Nay ___	Absent ___	Abstain ___
Councilman Hoskins	Aye ___	Nay ___	Absent ___	Abstain ___
Councilwoman Anthony	Aye ___	Nay ___	Absent ___	Abstain ___
Councilman Hindeleh	Aye ___	Nay ___	Absent ___	Abstain ___
Councilwoman-at-Large Crawford-Graham	Aye ___	Nay ___	Absent ___	Abstain ___
Mayor Deinbo	Aye ___	Nay ___	Absent ___	Abstain ___



MEMORANDUM

TO: Mayor Deinbo and Members of Council

CC: Deanna Jones, City Clerk

FROM: Nathan Mai-Lombardo, City Manager

DATE: March 6, 2023

RE: New Splash Pad for the Municipal Pool

Mayor Deinbo and Councilmembers –

As promised, an RFP for the construction of a Splash Pad at the Municipal Pool was posted. Although it took a second posting and a slight changing of the scope to get a qualified bid, the proposal being submitted to the Council for approval is one that offers an excellent opportunity for our City. This new facility would be constructed right behind the Municipal Pool on the same property and be part of a comprehensive water park.

Splash pads offer many benefits to communities, which is why you see so many of them being constructed, some even replacing old public pools. Splash pads:

- are a very safe recreation opportunity for children; they do not have to know how to swim to enjoy the water features,
- help children develop social skills and intellectual ability; they have to play with others and understand how the different water features function, and
- are an accessible recreational activity for children of all abilities.

I am aware that updating the Municipal Pool facilities is a project that has been discussed for some time, but no movement on the project has been undertaken. I believe we are at exactly the right time now to make these community investments for the children. Additionally, I will be bringing additional projects in the near future to the Council as part of this project and the re-opening of the Municipal Pool. These include:

- a needed pump house for the splash pad (which would include pool equipment),
- exterior upgrades to the pool house and fencing,
- new parking facilities and shade structures, and
- improved street crossings for safety.

Thank you for your consideration on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Nathan", followed by a stylized flourish.

Nathan Mai-Lombardo
City Manager

About Rain Drop Products

Rain Drop Products has been leading the aquatic entertainment industry for over 30 years with thousands of successful installations all over the world. Our dedicated staff has hundreds of combined years of experience in architecture, landscape architecture, engineering, and manufacturing, which allows us to provide quality, innovative products, superior customer service and project support.

Rain Drop Products transforms imagination into new dimensions in water play with dynamic custom designed water parks, spray grounds and splash parks. Product line offerings include above ground and surface spray features, slides, and multi-level water structures, as well as custom theme products. All Rain Drop products are safe, strong, and durable and are designed for commercial use. Offering quality, you can trust; the above ground products are backed by a 25-year warranty against rust and corrosion.

Providing an unmatched flexibility with your waterpark, spray ground or splash park, Rain Drop Products is pleased to provide the proprietary, patented Omnipod template. The Omnipod allows complete removability, interchangeability, and upgradeability to your project! Because the same Omnipod accepts both surface spray features and above ground spray features, you have the ability rearrange your features or upgrade them at your desire. The Omnipod is standard with most Rain Drop products.

In addition to quality products, Rain Drop Products provides many services to facilitate your project, such as conceptual design, drawings, on-site inspection packages, and post-operation support. During the planning stages, Rain Drop Products is available to provide complimentary 3D concept renderings, along with Virtual Animations. Additionally, as projects progress, a complimentary full set of drawings, pertaining to the water features, can be provided to you, for inclusion into your overall project drawings. Our on-sight inspection packages ensure a smooth construction process and seamless start up and operation.

Rain Drop Products, LLC certifies that it designs and manufactures all of its products in accordance to all applicable ASTM Standards. Rain Drop Products is a committed leader to providing safe equipment for the aquatic play industry. We are members of ASTM, belong to the F24 and F15 committees and participate on several aquatic task groups; the Group on Drains for Aquatic attractions, the Group on Waterslides, and the Group on Interactive Aquatic Play. We are in compliance with the ASTM F1487 where referenced and all external references made by the ASTM F24.70 and ASTM F2461-09 standards. The products, materials and designs that are furnished by Rain Drop Products are compliant in accordance to their respective ASTM standards, other standards and governing bodies that set forth best practices. These organizations or governing bodies are as follows but not limited to; Consumer Product Safety Commission (CPSP) 15 U.S.C. §§ 8001-8008, National Electric Code (NEC) Section 680.26(B), Americans with Disabilities Act Accessibilities Guidelines (ADAAG) Section 15.6, International Swimming Pool and Spa Code (ISPSA), the Association of Pool and Spa Professionals (APSP), American National Standards Institute (ANSI), Underwriters Laboratories Inc. (UL) International

Association of Plumbing and Mechanical Officials (IAPMO), and all state and local health codes. ASTM Standards ASTM F24 on Amusement Rides and Devices ASTM F24.70 Water Related Amusement Rides and Devices ASTM F2461-09 Standard Practice for Manufacture, Construction, Operation, and Maintenance of Aquatic Play Equipment ASTM F2376-08 Standard Practice for Classification, Design, Manufacture, Construction, and Operation of Water Slide Systems ASTM F2291-16 Standard Practice for Design of Amusement Rides and Devices ASTM F15.29 Playground Equipment for Public Use ASTM F1487-11 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use ASTM F2387-04(2012) Standard Specification for Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tubs ASTM F2707-10 Standard Safety Performance Specification for Safe Design and Installation of Field Fabricated Suction-Limiting Vent Systems for Suction Entrapment Prevention in Swimming Pools, Spas, Hot Tubs, and Wading Pools ASTM F1193 Practice for Amusement Ride and Device Manufacturer Quality Bid Number: RFP 010521 Vendor Name: Raindrop Products LLC Assurance Program and Manufacturing Requirements ASTM F1159-03a-Standard Practice for Design and Manufacture of Patron Directed, Artificial Climbing Walls, Dry Slide, Coin Operated and Purposeful Water Immersion Amusement rides.

Warranty

INDUSTRY BEST PAINT / COATING WARRANTY against the harmful effects of UltraViolet sunlight and contamination from a chlorinated environment. The number one warranty issue in the children's aquatic play industry is fading, peeling, cracking of painted surfaces due to a combination of the harmful effects from year-round exposure to Ultra Violet Sunlight Rays and the chlorinated water to which they are subjected. The industry standard shared by most of the major players in the children's aquatic play industry is a Two-year warranty on the product Coating / Paints. New for 2021 Rain Drop has partnered with PPG (Fortune 500 company) to introduce a revolutionary new coating system which provides 2-1/2 times 5 Years (up to 3-1/2 times 7 years with the optional enhanced system) of warrantied protection. This warranty would cover 95% of the products we sell. Paint and Coating warranty: Peeling or delamination of the topcoat and/or other layers of paint, excessive loss of color and gloss caused by UV, cracking, checking, and hazing. Standard Paint System = 5 years Enhanced Paint System = 7 years All Power Coated Products = 2 Years

Lifetime	25 Years	7 Years	5 Years	3 Years	2 Years	1 Year	OEM/RDI
<ul style="list-style-type: none"> Fiberglass tubing & molded components 	<ul style="list-style-type: none"> Stainless Steel tubing & welds 	<ul style="list-style-type: none"> Enhanced paint system 	<ul style="list-style-type: none"> Water filtration & distribution skids Water distribution & recirculation fabrications Adhesives Nozzles Polymer Materials Standard Paint System 	<ul style="list-style-type: none"> Master show or sequencing control panels 	<ul style="list-style-type: none"> Stainless Steel hardware Moving parts 	<ul style="list-style-type: none"> Decals 	<ul style="list-style-type: none"> Water disinfection filtration & distribution equipment Distributed products/ control panels All other electrical components All other coatings

Field Support

Rain Drop Products main office and manufacturing facility is located in Ashland, Ohio. Due to our close proximity to Beaver Dam, WI, we will be able to provide quick, low-cost onsite support. Rain Drop Products prides itself as being a US based manufacturer and make local, Midwest projects our top priority.

USEFUL LINKS

Product Catalog

<https://www.rain-drop.com/catalog>

Inclusive Aquatic Play Video

<https://youtu.be/Fq3LPloyaY4>

OMNIPOD

<https://www.rain-drop.com/omnipod-interface>

PROPOSED SPLASHPA







LINK TO IMAGES

<https://www.dropbox.com/scl/fo/9llimy5esejqguyu5w75k/h?dl=0&rlkey=2gp1ih8f6sfonetifivgyvpx>

ANIMATION



<https://youtu.be/-VqkYsp-DW0>

Design Intent

The Berkeley Park Splash Park has been designed to incorporate several different nature components to engage patrons imagination. Furthermore, as detailed below, we have added several other elements to create a truly inclusive environment to *MAXIMIZE THE SENSORY EXPERIENCE FOR CHILDREN OF ALL ABILITIES*

Aqua Run Big Kahuna Wave Slide with BOP-A-DROP



This is a single wave themed slide. Slides are excellent for activating the vestibular sense. This slide adds to the project theming, which will encourage imaginative play.



BOP-A-DROP

Loosely based on the historic Whack-a Mole Game, with a water twist. Press the button to start the game. As the buttons change color, hit them fast!

The first player to 10 bops wins, and the loser gets sprayed!

Video

<https://www.rain-drop.com/bop-drop>

Kapsizer



The kapsizer is a large above ground product that features a prismatic material deflection roof and a large dumping bucket. The prismatic material casts colors on the ground when light passes through it, adding visual interest. The bucket will fill and dump at regular intervals, building excitement and anticipation as users wait for the splash. This feature teaches cause and effect as well as providing some auditory stimulus. It also encourages social play as users huddle together in the splash zone.

Dancin' Sunflower



The Dancin' Sunflower is a tall sculpted feature that has an downward directional spray. The choreography allows the feature to turn on and off at intermittent times creating a guessing game. This feature adds theming to the project which encourages imaginative play.

Jeremiah the Bullfrog



Jeremiah the Bullfrog is an above ground feature that has a directional flow. Jeremiah has cute, big eyes, making him more visually appealing. He can be finished in a variety of tactile coatings. Specifically, the base has a grip-like paint, making it less slippery and giving more information to children with low vision. The streams of water that spray from him are gentle, making them suitable for passive play areas.

Rain Drop Play Center



The Rain Drop Play Center provides multiple interactive play opportunities for guests. They are at elevations that allow anyone to reach them, and users can control and manipulate the flow of water into each of the play panels. This item utilizes motor skills and the understanding of cause and effect. The gentle flow of water makes it best suited in passive play areas and multiple stations encourage social play.

Water Fun Accessible Cannon



The Water Fun Accessible Cannon is an interactive directional above ground feature. It requires users to move the cannon back and forth, providing proprioceptive input, and encourages social play as users try to aim it to spray one another. This feature is best suited in active zones of the splash pad. This version of the cannon features a special base that allows users in wheelchairs to pull up closer to the cannon.

BelleSpray Jet



The belle spray jet is a short pipe style above ground feature that sprays a sheeting dome of water from the top. Guests can pass their hands or feet through the sheet, breaking the flow of water. When users sit under the dome of water, the wall of water can serve as a calming auditory and visual isolation area due to the white noise of the water.

Tornado Twister



The tornado twister is an interactive above ground feature. The water fills to a certain level and spills out the side of the pipe. Users can block the spillage, redirecting water into the clear tube. When the water enters the clear tube, it creates a twister effect and when it reaches the top of the clear tub, it forces the water out of a radial nozzle on top, spraying everyone within a certain radius of the feature. This encourages cognitive development and social play.

CircleTime



The circle time is a ground spray that has looped piping. When one spray outlet is blocked, the others will spray higher. This encourages social play and teamwork.

Foam Geyser



The Foam Geyser is a radial aerated ground spray. It's volcano shape has a frothy, bubbly feel.

Water Tiara



The water tiara is a directional spray. The water sprays in a crown shape in one direction.

Two Tier Toolip



The two-tier toolip is a radial ground spray. It sprays a sheeting effect at a lower level, and a single upward jet in the center.

Gusher Jet



The gusher jet is a radial ground spray that emits several streams of water straight upward, for a full and powerful effect.

Tiny Toolip



The tiny toolip is a radial ground spray. It has a short height and sheeting effect.

Slant Jet



The slant jet is a directional ground spray. It consists of one angled stream of water that eventually breaks apart into droplets in the air. For Swan Park, We have put them in a long time to continue the feel of a tunnel from the Triple Arch Band Shelter.

Slant Finger Jet



The slant finger jet is a directional ground spray. It has layers of spray outlets that give the spray dimension.

Leaf Activators



The leaf activator features our prismatic material, which casts color onto the ground when light passes through it. In order to activate the splash pad, users are required to touch the sensor on the leaf. This requires the use of motor skills but does not force the user to apply pressure to the sensor.



Proposal/Order Form
All Inclusive Rec, LLC.

P.O. Box 72, Farmington, Missouri 63640
Telephone: (314) 800-5101 / (866) 701 9787 Fax: (573) 701 9312
Stevew@allinclusiverec.com

Proposal submitted to: City of Berkeley
Attn: City Manager
Reference Proposal No. RFP 921
8425 Airport Rd
Berkeley, MO 63134

3/3/2023

Job Name:
Splash Pad
Job Location:
Berkeley Municipal School

Quotation #:

Client P.O #: _____

Ship To: Berkeley Municipal Pool, 6400 Evergreen, Berkeley, MO 63134.

Ref. No.	Description	Quantity	Unit Price	Total Price
Rain-Bird Splash Pad				
Rain-Bird	Splash Pad Equipment	1	\$ 374,543.20	\$ 374,543.20
Ideal Play & Surfacing	Complete installation of Splashpad per Rain Drop drawings including concrete slab and site restoration.	1	\$ 240,005.00	\$ 240,005.00
Freight				\$ 8,000.00
				<u><u>\$ 622,548.20</u></u>

Exclusions:

New pump house to be located on NE corner of existing slab with sump pit. (By Others; NIP)
All necessary Mechanicals to pump house and recirculation tank (By Others, NIP)

NIP= Not in Proposal

We can provide these exclusions given time and discussions with the City of Berkeley to clarify all details involved in this part of the project.

Prices:	Quotation good for <u>thirty (60) days.</u>
Taxes:	Not included (Tax Exemption Certificate Required)
Ship:	Minimum FOUR weeks from date of order.
Deposit:	50%
Terms:	Upon Credit Approval
*Installation:	Installation numbers are included above

Paperwork (PO's, Deposit Checks, Etc.) Should Be Made Out to
All Inclusive Rec, P.O. Box 72, Farmington, Missouri 63640.

Signature: _____

Title: _____

Date of Acceptance: _____

Terms: