

SPLASHPAD SPECIFICATIONS – COLLEGE STREET PARK

The City of Huntsville will be accepting written sealed proposals for the design and construction of a single pass-through system splashpad. Proposals must be received by 4:00 p.m., June 5, 2024.

1. The contractor shall provide design, materials, water play features, automated control system, water distribution system, concrete, electrical, dirt work, incidentals, and labor to furnish a complete flow-through splashpad play area ready for use. All materials shall be new and free from defects.
2. The splashpad shall be designed to accommodate all ages – from toddlers to teenagers.
3. Splashpad proposals that have high play value while incorporating safety and low maintenance will be given preference.
4. All proposals will be evaluated based on the company's experience with this type of project, availability of product and time required to complete the requested work. Proposals should include references from other similar projects.
5. The Contractor shall provide all items necessary to completely construct the improvements described.
6. All operational and maintenance instructions, timing, and use options shall be demonstrated and shown operational by the successful bidder and/or by the manufacturer representative at no extra cost to the city.
7. Water and electric access shall be provided by the City and to within proximity to the splashpad site.
8. The City shall prepare a clear and level area for the construction.
9. **The total budget for this design/build project is \$350,000.00.**
10. **All plans must be certified by an engineer. Awarded bidder must provide engineered drawings prior to construction.**

THE PROPOSAL SHALL INCLUDE:

- Firm's name, address, and contact information of primary representative.
- Splashpad equipment plan layout.
- Written descriptions of proposed splashpad features.
- Manufacturer's warranties.
- Samples of related/comparable past projects that would serve as examples of experience and expertise necessary for this project.
- Experiences in design and construction of splashpads.
- A list of at least three (3) similar splashpad projects for references, contact information for references, and photographs of similar completed projects.

QUALITY ASSURANCE

- A. The aquatic play products shall be suitable for installation in municipal and commercial aquatic facilities and public play areas. Products shall be specifically designed for the use by children and adults and follow the ASTM F2461-09 norm.
- B. The manufacturer shall have a minimum of five (5) years' experience in the design, engineering and manufacture of children's aquatic play features and components.
- C. The contractor/installer shall have completed a minimum of ten (5) similar splashpad projects. The Contractor shall provide references and project lists as requested by the City.
- D. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this section.
- E. All splashpad equipment and components shall be installed to the manufacturer's specifications and recommendations.

PRODUCT CONSTRUCTION

- A. **Play Products:** All aquatic play products installed above and below grade shall be manufactured from 304/304L stainless steel. The anchoring system and associated fastening hardware shall be manufactured from 304/304L stainless steel. Rigid Centricast fiber reinforced (FRP) and/or molded fiberglass, PVC, filament wound tubing, galvanized steel, or aluminum shall **not** be utilized for any above or below grade play product structures.
- B. **Mounting and Assembly Hardware:** All hardware and anchoring systems shall be 304/304L or 316 stainless steel. All play products and ground spray systems shall include an integrated anchoring and leveling system facilitating installation and a flush surface finish. All exposed play product anchoring bases shall include a soft-touch elastomer cover that provides high impact, UV and chemical resistance while providing a soft, non-slip surface to absorb unintentional bumps from toes and feet. Exposed and accessible hardware shall be tamper-resistant, requiring a special tool for removal to deter vandalism and theft.
- C. **Spray nozzles, caps, and heads:** Shall be manufactured from C360 brass or stainless steel and shall use tamper resistant tools for installation and removal. PVC, Nylon, Delrin™ and acetal copolymer plastic shall not be utilized. All grade level features are to be furnished with appropriate winterization caps.
- D. **Painted Finish:** Shall be a polyester smooth, glossy heat-cured powder coat that is UV and chemical resistant and suitable for public spaces. Airbrush graphics shall be applied over the powder coated base and shall be clear coated for UV resistance and physical durability. Epoxy paint and/or urethane surface finish, smooth, textured and/or gel coat shall not be used for any of the play feature coatings.

- E. **Material for Paneling, Signage, Water Deflection, and Toe Guards:** All polyethylene, HDPE, polyurethane, elastomers, and Seeflow polymers used for paneling, signage, or water deflection shall be resistant to chlorinated water and be ultraviolet stabilized to inhibit sunlight fading.
- F. **Safety & Craftsmanship:** All accessible edges shall be machined to a rounded finish. All welds shall be watertight, buffed smooth, or polished to a non-visible finish and factory pressure tested. Accessible nozzles and spray heads shall be recessed to ensure a completely safe play environment with no pinch points, head entrapments or protrusion hazards. All products shall be designed in accordance with ASTM F1487, ASTM F-2461 and CSA Z614-98 regulations for public playgrounds.

The bidder's name, company, and project name shall be shown on the outside of the sealed envelope. All costs associated with responding to this RFP shall be supplied by the bidding company. Late proposals will not be accepted under any circumstances. Sole responsibility rests with the proposing firm to see that their proposal is received on time.

The City of Huntsville reserves the right to reject any and all proposals.

Questions regarding the Request for Proposal may be directed to Mayor Dotson at 479-738-6607 or emailed to mayordotson@huntsvillearkansas.org.