



**The City of Ballwin
Department of Parks and Recreation**

**Invitation to Bid
2026 Ballwin Days Festival Fireworks Displays**

The City of Ballwin, MO is seeking proposals from qualified firms for the provision, set-up, and discharge of one fireworks display during the city's annual 2026 Ballwin Days Festival.

Show Date: The show shall take place on **Saturday, August 15, 2026.** The fireworks display is scheduled to take place at approximately 9:15 p.m., weather permitting. The exact firing time shall be determined by the City Staff in coordination with the Lead Pyrotechnician. Rain date: If it rains on the day of the display it will be re-scheduled within 60 days of the August 15 event date at the discretion of the Parks Director.

Location: Shows shall take place in Vlasik Park located at 200 Park Drive, Ballwin, Missouri.

Contractor shall provide:

- Provision and delivery of all fireworks, mortar tubes and mortar racks to discharge all shells in the fireworks display. Contractor shall provide sandbags for mortar tubes as needed.
- Set-up and firing by a qualified person. Pick up and return of all equipment immediately after the show.
- Contractor shall provide adequate security personnel reasonably required to preclude unauthorized persons from entering the immediate area designated by contractor as the area for discharge of the display before, during and, after the event.
- Contractor is solely responsible for compliance with the applicable codes and standards, and shall comply with NFPA 1123, 2006 Edition Code for the Outdoor Display of Fireworks NFPA 1126, 2006 Edition, Standard for use of Pyrotechnics before a Proximate Audience. Additional safety requirements may apply which are not addressed in the NFPA 1126, if deemed necessary for fire and injury prevention.
- Contractor will secure the necessary State, local and Fire Protection District permits for the display.
- All leftover fireworks and debris must be disposed of immediately in a safe manner after the display.

City of Ballwin shall provide:

- City shall furnish sufficient space for safely displaying the fireworks program.
- Furnish security to keep display area free of persons and vehicles except those employed on firing field.

- Additional expense accrued due to postponement, not to exceed a sum of \$200.00.

Specifications:

1. Project Overview
 - a. Total Budget: \$10,000.00 (All-inclusive of product, labor, equipment, and insurance).
 - b. Show Duration: 10 minutes of continuous firing.
 - c. Theme: Patriotic (Red, White, and Blue color palette with Gold/Silver accents).
 - d. Intensity Goal: 3,500 total shots (averaging 350 shots per minute).
 - e. Safety Perimeter: Maximum 200-foot spectator/structure separation.
2. Technical Pyrotechnic Requirements
 - a. Product Classification: The display must utilize a combination of 1.4G Professional (Articles Pyrotechnic) multi-shot cakes and 1.75-inch aerial shells. Caliber Restriction: No shells larger than 1.75 inches are permitted to ensure strict compliance with the 200-foot fallout zone.
 - b. Effect Variety: The contractor must demonstrate the use of at least 40 distinct pyrotechnic effects. This must include, but is not limited to:
 - i. Brocade Crowns, Chrysanthemums, Peonies, and Dahlias.
 - ii. Specialty effects such as Crossettes, Falling Leaves, Dragon Eggs, and Tourbillons.
 - iii. Rapid-fire "Zipper" and "Fan" cakes for lateral sky coverage.
 - c. Color Palette: Minimum 70% of the display must feature Red, White, and Blue effects. Blue effects must be of high-saturated "professional grade" to ensure visibility.
3. Pacing and Choreography
 - a. Firing Method: The show must be fired using a digital electronic firing system to ensure precision and safety.
4. Show Rhythm:
 - a. Opening (1 min): High-impact barrage of titanium salutes and red/white/blue comets.
 - b. Main Body (8 min): Ebbing and flowing intensity with themed "scenes" featuring layered effects at various altitudes (ground-level mines to 175-foot shell breaks).
 - c. Grand Finale (1 min): Intense, rapid-fire sequence utilizing at least 500 shots in the final 60 seconds to create a maximum "wow" factor.
 - d. Gap Tolerance: Zero "black sky" (dead time) is permitted once the show commences.

Proposal: Items to be included

1. Bidders shall provide a detailed description of the quantity, size and type of shells to be shot for each show; pictures of shells preferred.
2. **Bidders must submit a digital 3D simulation video of the proposed 10-minute display. This simulation shall utilize accurate physics and visual data for the specific pyrotechnic products listed in the manifest. The video must demonstrate the proposed show's opening, main body, and finale, reflecting the exact timing and layering of the firing script.**
3. Prices for individual shells should be given so that if the City would like to add to the show they might be able to do so at a later time.
4. Three references from clients from **2024 and 2025** with similar size shows with similar features from the St. Louis area. Information should include contacts name, organization, phone number and, e-mail address if possible.
5. A written safety plan for delivery, set-up and execution of fireworks display.
6. Specify delivery date and time of display.

7. Submit qualifications and copies of certifications, and/or applicable licenses.
8. Certificate of insurance from an insurance company licensed to do business in the state of Missouri with the following limits:

Minimum coverages and amounts:

Employer's Liability	\$2,000,000 each person
Comprehensive Automobile Liability Insurance	\$2,000,000 each person
Bodily Injury	\$2,000,000 each accident
Property Damage	\$1,000,000 each accident
Comprehensive General Liability Insurance	\$2,000,000 each person
Bodily Injury	\$2,000,000 each person
Property Damage	\$1,000,000 each aggregate

Alternate Proposals and Exceptions

1. The City recognizes the expertise of professional pyrotechnicians and encourages creativity in show design. Bidders are encouraged to submit an Alternate Proposal if they believe a different configuration of duration, shot count, or product mix provides a superior visual experience for the \$10,000 budget.
2. Any deviation from the technical specifications must be clearly documented in a section titled 'Exceptions to the RFP.' The City reserves the right to accept or reject any alternate bid or exception at its sole discretion, based on the best interest of the public and safety requirements.

Proposals shall be submitted no later than 10:00 a.m. March 21, 2026 to the City of Ballwin, Attn: Chris Conway, Fireworks Display, 1 Ballwin Commons Circle, Ballwin, MO 63021