

# **Zambelli**

FIREWORKS

***Fireworks Proposal  
July 4, 2024 & 2025  
Fireworks Display  
Pembroke Pines, FL***



## ***Zambelli Fireworks***

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## **FIREWORKS PROPOSAL**

**Show Date:** July 4, 2024 & 2025

**All inclusive Budget and Duration:** \$35,000; 25 minute display

**Location:** 7400 Pines Blvd.- Pembroke Pines, FL

**Insurance Liability Coverage:** \$10 Million dollars per incident clause to cover the Fireworks Display. Zambelli uses the highest insurance premium in the industry, only offered to "AAA" rated companies.

**Permits:** Zambelli Fireworks will work with the local Fire, Police and the environmental groups to secure all needed security and safety plans.

**Transportation Liability Coverage:** \$5 Million dollars as required by United States Department of Transportation. (DOT)

**Workers Compensation:** Pyrotechnicians will meet all of the requirements of the Workers Compensation Laws of Florida.

**Transportation:** Fireworks and equipment will be delivered by qualified CDL drivers with Haz-Mat endorsed licenses as required by US DOT.

**Personnel:** Zambelli Certified Pyrotechnicians and Trained Assistants; no subcontractors used.

**Safety Procedures:** Zambelli Fireworks adheres to all safety regulations. NFPA 1123 code will be strictly enforced.

**Terms:** 50% deposit at signing of the contract. Balance due at completion of each display, as invoiced by Zambelli

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## FIREWORKS

### Proposed Show Segments

**OPENING:** An opening barrage is designed to attract the attention of the audience and entice them to pay attention..."The show has just begun!" The opening barrage for the display will certainly impress as multiple shots of comet tails and aerial effects will fill the night's air. As the opening barrage grows, the intensity of colors and sound will permeate the skies. **30 seconds.**

**FEATURE PRESENTATION:** The main body of the fireworks display should not be just one shell fired one after another. It's about rhythm, timing, and spacing the perfect effects with one another and building themes throughout the show. Some fireworks are designed to have extreme intensity while others are designed to slow the pace down with slower, softer effects. The design team hand picks every product used to ensure there are nearly no duplicates of tableaux throughout the program. The audience will enjoy a fully designed display. The intensity will continue to grow until.... **23 Minutes.**

...the **GRAND FINALE:** and it will be GRAND!

Human nature is to remember things last experienced. The Grand Finale is what people will remember the most about a fireworks production. A poor finale will leave an audience disappointed. Zambelli Fireworks has a long tradition of supplying the biggest and best Finales in the industry. It will be loud, it will be full of vibrant colors, it will be long, and it will leave a lasting impression. Hundreds of shots and effects of multi-color shells, gold and silver sparking lights, gold brocade crown shells and other effects coupled with chest-pounding titanium-salutes will be the magical ending of the grand display. The finale will be fired with multiple products and effects to cover every inch of sky. **90 seconds.**

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## **FIREWORKS**

### **Shell Quantities and Descriptions**

#### **OPENING:**

- 20 Three Inch Titanium Salutes with tails (some noise to get things going)
- 40 Three Inch Assorted Colors and Designs Shells
- 12 Four Inch Assorted Colors and Designs Shells

**Total Aerial shells: 72 in 20 seconds**

#### **BODY OF PROGRAM:**

- 324 Three Inch Assorted Colors and Design Shells (180 Flights of 3)
- 168 Four Inch Assorted Colors and Designs Shells (60 flights of 2)
- 108 Five Inch Assorted Colors and Designs Shells
- 90 Six Inch Assorted Colors and Designs Shells

**Total Aerial Shells: 690 in 23 minutes (one firing every 3 seconds  
many firings multiple shells)**

#### **GRAND FINALE:**

- 40 Three Inch Titanium Salutes with Silver Tails (loud, thundering booms)
- 320 Three Inch Assorted Finale Shells
- 78 Four Inch Assorted Finale Shells
- 15 Five Inch Assorted Finale Shells

**Total Aerial Shells: 453 in 90 seconds**

**TOTAL DURATION: 25 minutes**

**TOTAL SHELLS: 1,215**

- Assorted Colors and Design refers to a wide assortment of shells produced by several premium manufacturers (see pages 8–14)



**Pembroke Pines**  
**July 3 - 4, 2024- Timeline**

**July 3**

11:00 am- Crew arrives to site and begin setting racks

3:00 pm- Rack set-up complete and covered. Crew leaves site

**July 4**

8:00 am- Crew returns to site.

10:30 am- Product delivered, City performs inventory inspection.  
Crew begins loading shells and wiring

7:00 pm- Wiring completed and continuity checks performed

9:00 pm- Fire display 25 minutes (music accompanied CD)

9:40 pm- Crew clears mortars of any unexploded ordinance

10:00 pm- Crew breaks down show and begins loading

12:30 am- Crew performs site inspection and departs site

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### Chrysanthemums



Description: Typically a spherical break of colored stars that leave a trail or sparks behind. May include pistils (center multi break stars) or other features such as multi-colored, half and half, cracking, etc.

#### 3" – 6" Shells Body

Red Chrys  
Green Chrys  
Yellow Chrys  
Blooming Silvery Chrys  
Blue Chrys  
Red, White and Blue Chrys  
Green to Purple Chrys  
Varied Colorful Flowers  
Multi-Color Chrys  
Golden Chrys w/rising tails  
Silver to Purple Chrys  
Glittering Silver to Red Chrys  
Purple Chrys with White Pistil  
Red Chrys with white Pistil  
Gold Wave to Red/Blue Chrys

Red to Blue Chrys.  
Silver to Green Chrys.  
Gold Chrys. w/ rising tails  
Glitter Silver to Red Chrys  
White Twinkling Chrys.  
Spangle Chrys. w/rising tails  
Orange Chrys. w/rising tails  
Purple Chrys  
Yellow Chrys  
Silver Chrys w/rising tails  
Silver to Green Chrys  
Variegated Rainbow Chrys  
Green Chrys with Green Pistil  
Silver and Gold Chrys  
Multi-Color Chrys to Popping Flowers



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## FIREWORKS

### Peonies



Description: Typically a spherical break of colored stars that leave no trail or sparks behind. May include pistils (center multi break stars) or other features such as multi-colored, half and half, cracking, etc.

#### 3" – 6" Shells Body

White Peony  
Silver Wave to Purple Peony  
Yellow Peony  
Purple Peony w/Gold Palm  
Variegated Peony (rainbow)  
Red, White and Blue Peony  
Silver to Red Peony  
Orange Peony  
Silver Wave to Blue Peony  
Red to Silver Peony  
Golden Peony  
Red and Green Peony  
Color Changing Peony  
Popping Peony (Red)  
Half Blue Half Red Peony  
Half Green Half White Peony  
Pink Peony  
Green to Silver to Blue Peony

Blue Peony w/Blue Palm Tree.  
Multi-Colored Peony  
Green Peony w/Gold Palm Tree  
Red to Blue Peony  
White Peony w/Blue Pistil  
Glittering Peony  
Silver to Blue Peony  
Half Green Half White Peony  
Silver Wave to Purple Peony  
Green to Purple Peony  
Blue Peony w/titanium reports  
Blue to Silver Peony  
Sparkling Peony w/Pistil  
Popping Peony (White)  
Half White Half Red Peony  
Golden Waves to Purple Peony  
Brilliant Orange Peony  
Red to White to Blue Peony

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### Crossettes



Description: A crossette is a unique shell that breaks into 6 or 8 arms. Then, after some delay, those arms again break into multiple arms criss-crossing each other in a grid-like fashion throughout the sky. Larger caliber shells may even have a third break in all of the arms.

3" – 6" Shells Body

Blue Crossettes  
Red to Blue Crossettes  
Variegated Rainbow Crossettes  
Crackling Crossettes  
Red to Green Crossettes  
Green to Purple Crossettes  
Red Crossette Palm Tree  
White Flitter Crossettes

Green to Blue Crossettes  
Silver Crossettes  
Purple and White Crossettes  
Gold Crossettes w/rising tails  
Green Crossette w/green Tails  
Rainbow Crossettes w/red Tails  
Blue Crossette Palm Tree  
Silver Crossettes



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### Duration/Lingering Effects (Willows, Brocades, Kamuros)



Description: A Long Duration/Lingering Effect is like a Chrysanthemum but burns slowly to the ground leaving a trail of aerial spark dust. These shells are many times gold or silver with various color tips, color changing, or have various colored centers. Zambelli uses many long duration effects at the end of finales to create a sky of gold or silver.

#### 3" – 6" Shells Body

Twilight Glitter w/Purple  
Brocade Crowns  
Brocade Crown to Purple  
Variegated Falling Leaves  
Long Duration Kamuro  
Pixie Dust Willows  
White Poca Shells

Twilight Glitter w/Red  
Long Duration Red Falling Leaves  
Brocade Crown to Red  
Purple Falling Leaves  
Super Brocade Crowns  
Ultra-Long Duration Gold Kamuro  
Gold Poca Shells

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### Dahlias



Description: A Dahlia shell is like a peony but uses dramatically larger and fewer stars to create brighter, wider trails of sparks through the air. They are typically very bold, defined colors used to mix up the pace of a show. They many times are also used in finales.

3" – 6" Shells Body

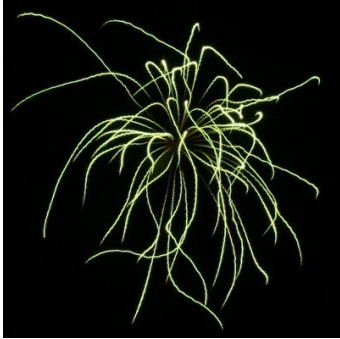
Assorted Color Dahlia  
Green Dahlia w/Pistil  
Yellow Dahlia w/Pistil  
Pink Dahlia  
Gold Strobe Dahlia  
Red Strobe Dahlia  
Variegated Dalia  
Purple and Red Dahlia

Blue Dahlias w/Pistil  
Red Dahlia w/Pisitl  
Red and Blue Dahlia  
Silver Dahlia  
Blue Strobe Dahlia  
Purple Strobe Dahlia  
White Dahlie w/Purple Tips  
White Dahlia w/Red Tips

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### Specialty Shells



Description: There's a variety of specialty, premium shells that include horsetail willows, scattering stars, bees, falling leaves, Palm Trees and other unique designs and effects.

### **Body**

3" – 6" Shells Body

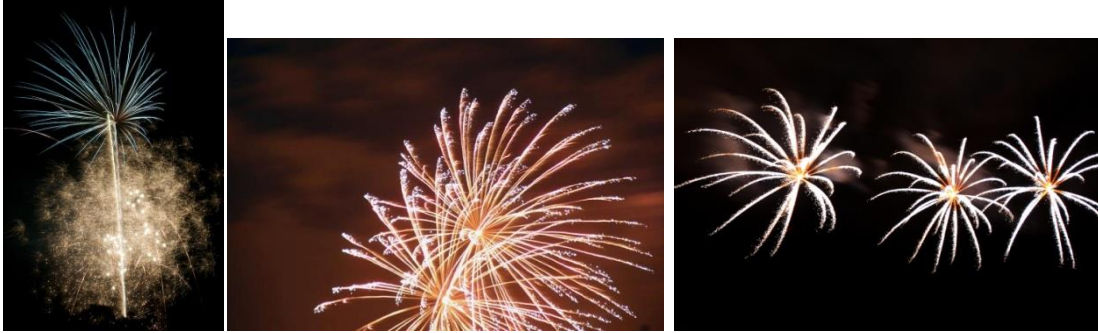
Silver Bees  
Horsetails  
Large Silver Whirls (Serpents)  
Trees of Many Colors  
Peacock Feathers  
Thousands of Gold Waves  
Peacock Tails  
Silver and Purple Strobes  
Treasure Chests  
Green Magnesium to Fast Strobe  
Multi-Color Shell of Shells  
Pink Blinker Shells (Spanish)  
White Lightning Shells (Spanish)

Blue Bees  
Aluminum King Shells  
Blue and Red Spiders  
Kaleidoscopes  
Gold Sparkling Kamikazes  
Thousands of Red Waves  
Red, White, Blue Dragon Eggs  
Popping Flowers  
Red Shell of Shells  
Green Shell of Shells  
Tourbillion and Multi-Color  
White Blinker Shells (Spanish)  
Red Hearts with Farfellas (Spanish)

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### Specialty Noise



Description: Noise shells come in many different types. The most popular are cracking, whistling or screamers, thousands of popping flowers, and the extremely loud titanium salutes.

#### 3" – 6" Shells Body

Cracking Delight  
Diamond Screamer Whistles  
Crackling Double Rings  
Crackling Coconut Trees  
Twice Crackling Rain  
Blue Crackling Flowers  
Artillery Titanium  
Gold Crackling Chrys

Serpents with Reports  
Large Silver Screaming Whirls  
White and Green Scattering  
Blue Crackling Spiders  
Tourbillion w/Reports  
Green Crackling Flowers  
Thundering Tourbillions  
Whistles and Stars

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## FIREWORKS

### Zambelli Fireworks Team

**Kacey Woods**

Client Services Coordinator

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### Proposed Launch Site



\*Zambelli chooses to define the safe zone at 100' per inch of diameter of shell size which exceeds NFPA standards. This is done as an abundance of caution to help ensure that your viewing public is protected from fallout or mishap. Please take note of this adjustment as it is to your benefit and safety.