



ADDENDUM NO. 1
Invitation to Bid (ITB)
Lake Lure Fire Apparatus

Date Issued: July 24, 2026

This Addendum forms a part of the Contract Documents and modifies the original Invitation to Bid issued for the Lake Lure Fire Apparatus. Bidders shall acknowledge receipt of this Addendum in their bid submission.

1. Additional Specification Requirements

The following specifications shall be required in addition to the minimum specifications listed in the original ITB under Section 22:

Fire Engine (Pumper Tanker) Design Requirements

- Maximum overall height: 10 feet.
- Maximum overall length: 30 feet.
- Wheelbase: 170.5 inches.

Chassis and Cab

- Spartan Metro Star SMFD chassis, or approved equal, comparable in size, function, and capabilities.
- 10-inch raised roof.
- 450 HP engine.
- Allison automatic transmission.
- Front axle cramp angle of 50 degrees left and right.
- Ceiling-mounted climate control system providing heating, air conditioning, and defrost functions.

- Power windows.
- LED headlights, turn signals, and running lights.
- AM/FM radio with cab-mounted speakers.
- Backup camera with monitor located in the cab.

Seating and Interior Equipment

- Driver seat shall be a 911 Universal Series seat with rugged-duty upholstery.
- Officer and firefighter seats shall be 911 Battalion seats equipped with SmartDock SCBA mounting systems compatible with Scott Air-Paks.
- Rear outboard seats shall be rear facing.
- Storage compartments shall be provided beneath the front seats.
- EMS compartment with interior lighting shall be mounted between the rear cab seats.

Electrical System

- Kussmaul 120-volt battery conditioner and air compressor system connected to the brake system to maintain system air pressure.

Wheels and Tires

- Polished aluminum wheels.

Warning, Audible, and Safety Equipment

- Federal Q2B mechanical siren.
- Electronic siren.
- Two air horns.
- Roto-Ray style warning light mounted above the center of the grille.
- LED warning lighting around the apparatus.
- LED scene lighting throughout the apparatus.

- Water level indicator lights mounted high on the rear left and right sides of the cab.

Pump System

Pump

- Waterous single-stage centrifugal midship pump rated at 1,500 GPM.
- Quick-acting discharge pressure relief valve with hydraulic lockout capability that does not require adjustment of pressure settings.
- Waterous VPO oil-type rotary vane primer.
- Elkhart intake relief valve preset at 125 PSI.

Tank-to-Pump Plumbing

- One 3-inch gated tank-to-pump line.
- Tank sump piping shall be 4 inches in diameter.
- Plumbing shall connect directly to the rear of the pump.
- Full-flow inline ball valve with check valve to prevent accidental tank pressurization.

Crosslays

Three crosslays shall:

- Utilize 2-inch plumbing.
- Be installed above the pump panel.
- Accommodate 200 feet of 1¼-inch double jacket hose with nozzle.
- Be double stacked.
- Include stainless steel rollers.

Deck Gun

- 3-inch deck gun flange plumbed into the dunnage area.
- Deck gun piping shall be fully supported and braced.

- Elkhart Model 8297-25 Stinger Portable Monitor.
- Elkhart Model 8298 top-mounted flange.
- One Style 282A Stream Shaper.
- One set of Style ST194 quad-stacked tips.
- Akron slow-close valve.

Pump Controls and Drains

- Pump master drain.
- Individual drain valves for each discharge.
- Push-pull control handles.
- Roll throttle control.

Rear Direct Fill

- Rear direct fill mounted high on the rear of the tank.
- Equipped with a check valve.

Water Tank Dump System

- Newton square 10-inch dump valve.
- Manual slide extension.

Hose Storage

Hose Bed Capacity

- 1,000 feet of 5-inch LDH hose.
- 600 feet of 2½ -inch double-jacket hose with nozzles.

Suction Hose Storage

- Storage for two (2) 10-foot sections of 6-inch hard suction hose.
- Located on the upper rear driver's side with rear access.

Booster Reel

- Booster reel installed in the dunnage area.
- Plumbed for a 1-inch booster line.
- Capacity for 200 feet of hose.

Body and Storage Compartments

Floating Storage Trays

- One floating storage tray below the driver's side pump panel.
- One floating storage tray below the passenger-side discharge panel.

Wheel Well Storage

Driver and passenger side wheel wells shall include:

- Storage for three SCBA cylinders at the front of each rear wheel well.
- Storage for fire extinguishers at the rear of each rear wheel well.

Compartment Doors

- Horizontal and/or vertical hinged compartment doors.

Scene Lighting

- Telescoping scene lights installed on both driver and passenger sides of the apparatus.

Ground Ladders and Tools

The apparatus shall be equipped with:

- One (1) 24-foot extension ladder.
- One (1) 14-foot roof ladder.
- One (1) folding attic ladder.
- One (1) 8-foot pike pole.
- One (1) 6-foot pike pole.

All ladders and tools shall be stored through the body of the apparatus.

Front Bumper Winch

The apparatus shall include a Warn Multi-Mount portable electric winch shipped loose with the apparatus:

- 12-volt operation.
- 15,000-pound rated line pull.
- 125 feet of rope.
- Clevis hook.
- Four-way roller fairlead.
- Automatic direct-drive cone brake.
- Free-spooling sliding ring gear clutch.
- Thermometric motor temperature indicator.
- 12-foot handheld pendant control.

Electrical Connections

- Quick-connect power plug.
- Front receiver hitch power connection.
- Complete wiring harness routed to the front bumper receiver area.

Owner-Furnished Equipment

The Town of Lake Lure shall provide:

- Holmatro battery-operated cutters.
- Holmatro battery-operated spreaders.
- Holmatro battery-operated ram.
- Scott Air-Paks.

The Contractor shall be responsible for installation and mounting of all owner-furnished equipment. The Town shall retain responsibility for warranty coverage on this equipment.

This structure follows the way most fire apparatus specifications are organized and will be easier for bidders to review and price.

2. Procurement Schedule Extensions

The procurement schedule has been extended. The anticipated procurement schedule is now as follows:

Deadline for Questions: September 3, 2026 by 12:00PM

Final Addenda Issued: September 4, 2026 by 5:00PM

Bid Opening: September 10, 2026 at 1:00PM

Notice of Award: September 23, 2026 by 5:00PM

Contract Execution: September 30, 2026

The Town reserves the right to modify the schedule at any time.

Bids should be submitted at the same location identified in the original Invitation to Bid documents.