



# INVITATION TO BID:

## Two Fire Trucks: Custom Rescue Pumper and Mini-Pumper

### OVERVIEW:

The Town of Cornwall, CT and the Cornwall Volunteer Fire Department are jointly seeking bids from established vendors for two new fire trucks: one custom rescue pumper and one mini-pumper. We welcome bids from vendors who can provide one or both. We are seeking fixed price bids.

### ITB SCHEDULE:

- This ITB is being issued on November 19, 2025.
- Questions are due (via email) by December 1, 2025.
- Bids will be due on Wednesday, December 17, 2025, at 11:00am.

### ITB CONTACT:

- The point of contact for this ITB for questions relating to specifications is Captain Chris Jackson, Cornwall Volunteer Fire Department, [wccaptain@cornwallfire.org](mailto:wccaptain@cornwallfire.org).
- The point of contact for this ITB for questions relating to the bidding process is Gordon Ridgway, First Selectman, Town of Cornwall, [selectmen@cornwallct.gov](mailto:selectmen@cornwallct.gov).

### HOW TO SUBMIT A BID:

- Bids must be received at the Selectman's Office, Cornwall Town Hall (24 Pine Street, PO Box 97, Cornwall, CT 06753) by 11:00am on Wednesday, December 17, 2025, at which time the bids will be opened and read aloud. It is the bidder's responsibility to make sure their bid arrives on time. The Town Hall is open 9:00am to 12:00pm and 1:00pm to 4:00pm, Monday through Thursday.
- Bidders must provide four sealed physical copies plus one electronic copy on a thumb drive. Emailed, faxed, unsealed bids, or telephone bids will not be considered.
- Full instructions for how to submit a bid are included in this solicitation.

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# I. WHAT WE ARE LOOKING FOR

## 1. Introduction

The Cornwall Volunteer Fire Department (“CVFD” or “The Department”) is an all-volunteer fire department that services a community of approximately 2,000 people in rural Litchfield County, CT. Two of our trucks are over 25 years old and no longer meet our current needs.

The Cornwall Volunteer Fire Department, together with the Town of Cornwall (“The Town”), is releasing this Invitation to Bid to solicit bids from **qualified, experienced fire-apparatus vendor(s)** to provide us with **two new fire apparatuses: one rescue pumper and one mini-pumper.**

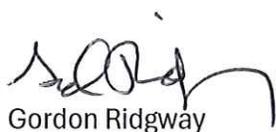
We are specifically looking for two vehicles that meet as many of our requirements as possible, at a competitive fixed price. As a small department with a limited fleet, we need to reduce out-of-service time as much as possible, so we are hoping to contract with a vendor/vendors who can support us in meeting this need when our apparatuses need service or repair via **local and on-site service and repair options.**

In addition to the apparatus itself, the selected bidder(s) will need to supply all required warranties and documentation, provide training on the apparatus, and regularly communicate with the Department.

Cornwall intends to enter a **fixed-price contract.** We will not enter into an open-ended contract, and bidders should not propose pricing that is not fixed. Bids must be valid for 60 days from bid opening.

The full Scope of Work is below. We look forward to receiving your bid.

Thank you for your consideration.



Gordon Ridgway  
First Selectman  
Town of Cornwall, CT



Richard Sears  
President  
Cornwall Volunteer Fire Department

## II. SCOPE OF WORK

With this Invitation to Bid (ITB), the Cornwall Volunteer Fire Department is hoping to receive bids from qualified, responsible bidder(s) who can provide us with:

- a) a new mini-pumper fire apparatus,
- b) a new custom-cab rescue pumper fire apparatus, or
- c) both of our needed vehicles.

Specifically, this means:

### 1. Apparatus Requirements

1. *Compliance:* All equipment and components must be in compliance with current NFPA standards for automotive fire apparatus with fire pump, as well as with any applicable federal, state, DOT, or ICC standards.
2. *Required specifications:* The Cornwall Volunteer Fire Department has carefully evaluated its needs for two fire vehicles and has thoroughly researched the types of apparatus available on the market. The successful bidder(s) will be able to provide one or two vehicles that meets these needs as closely as possible. This means that the vehicle(s) the bidder(s) provide must include as many as possible of our requirements, which are listed in full in the next section, Section III, "Requirements in Detail."
3. *Exceptions:* While we would like to receive bids that are as close as possible to the specifications we have provided, we understand that bidders may have alternatives that meet our needs as well or better than what we have specified. We will accept proposals for exceptions in these cases but encourage bidders to propose exceptions judiciously. **Major exceptions will not be accepted.** Should the bidder's bid be chosen, any exceptions must be approved in writing before construction begins. The CVFD will determine the acceptability of exceptions, and their decision is final.

Exceptions may only be proposed on a per-line basis. Exceptions may not be taken for entire paragraphs nor may total exception be taken to our requirements as written.

Failure to describe/detail an exception in your bid response indicates full compliance with the specification as written.

### 2. Bonding Requirements

1. *Bid bond:* Bidders must submit a bid bond worth 5% of the total value of the bidder's proposed bid, duly executed by the bidder as principal.

This bid bond will serve as a guarantee that, if the contract is awarded to the bidder(s), the bidder(s) will, within ten business days of notice of contract award by email, execute a contract with the Town of Cornwall/CVFD and furnish us with a performance bond.

Any bid not accompanied by a Bid Bond will be excluded from consideration. Bid bonds will be returned upon contract execution.

2. *Performance bond:* If a bidder's bid is selected, that bidder will need to supply the Town of Cornwall/CVFD with a performance bond worth 100% of the total value of the bid within ten days of contract execution.

The performance bond will be held by the Town of Cornwall until all conditions of the bid and contract have been met. In the event of a partial or total failure by selected bidder(s) to meet its obligations, the performance bond will pay any additional costs for completion or correction, up to the limits of the performance bond.

### 3. Bidder Requirements

1. *Minimum Experience:* The bidder(s) must have 10 years of experience successfully designing, constructing, and delivering vehicles to the fire industry (e.g. pumpers, tankers, ladder trucks, etc.) The bidder(s) must have delivered similar apparatus to fire departments in the New England area. The bidders must work with manufacturers who also have 10 years of experience.
2. *Law:* The selected firm must meet all municipal, state, DOT, and federal statutory requirements, and current NFPA standards for automotive fire apparatus.
3. *Construction:* The materials specified are considered the minimum. The apparatus(es) must be constructed with due consideration for the nature of load distribution and the general character of service into which they will be put. All parts of the apparatus must be of adequate strength to withstand the general service under full load. The apparatus must be constructed so that parts are accessible for lubrication, inspection, adjustment, and service.
4. *Kickoff Conference:* The successful bidder must hold a conference with Town and CVFD representatives prior to beginning construction on the apparatus. This meeting must be in person. If the bidder(s) and the CVFD have agreed to any changes in design of the apparatus prior to or during this meeting, the bidder(s) must provide CVFD with official revised specifications and/or drawings (as appropriate) before construction begins. (As described below, technical specifications/sheets and drawings for the apparatus(es) as proposed are part of the bid package.)
5. *Pre-Paint Inspection Trip:* The bidders must include in their bid the cost for three CVFD representatives to visit the build site to see the apparatus under construction when it is at the pre-paint stage.
6. *Final Inspection trip:* The bidder(s) must make at minimum one inspection trip in the apparatus with representatives of the CVFD during the construction process (once this is feasible). The bidders must include in their bid for the cost for three CVFD representatives to attend this trip.
7. *Liability:* The bidder(s) must hold comprehensive, liability, and collision insurance coverage on the apparatus during the construction and delivery. The bidder(s) are liable for the use of any patented device or article forming part of the apparatus or any appliance provided under the contract to the extent allowable by law. The manufacturer must have a minimum of \$5 million product liability insurance in effect. A copy of the insurance certificate is to be included with the bid proposal.
8. *Equipment mounting:* Bidders must include an allowance for equipment mounting in their bid for additional CVFD equipment later to be purchased.

9. *Fit:* To protect the interests of the taxpayers and the CVFD, the bidder(s) must ensure that each apparatus with its mounted equipment will fit in the existing Cornwall Volunteer Fire Department station bays. The CVFD has included approximate dimensions of its station bays below, but the bidder(s) are responsible for confirming exact measurements, if needed. The CVFD will provide access to the station for the selected bidder(s) for the purposes of measurement. If the apparatus(es) with mounted equipment do not fit the CVFD station bays, the CVFD will assess liquidated damages in the form of retainage 5% of the bidder's payment bond.
  - West Cornwall Fire House (289 Sharon-Goshen Turnpike, West Cornwall, CT 06796): 12' ft height
  - Cornwall Bridge Fire House (35 Kent Road South, Cornwall Bridge, CT 06754): 10' in height +/- 2", with 10' ideal height
10. *Invoicing:* Bidders may submit invoices for progress payments during the course of the contract. Payment schedules will be finalized upon contract execution.
11. *Delivery requirements:* To ensure proper break-in of all drive train components while under warranty, the bidder(s) must deliver the apparatus(es), under its own power, to 289 Sharon-Goshen Turnpike, West Cornwall, CT 06796. Fuel costs for delivery should be included in bidders' bid price(s).
12. *Information provided:* At the time of delivery, the bidder(s) must provide the CVFD, in writing, the documentation listed in **Appendix 2: Required Documentation**. Bidders also must provide as-built drawings and spec sheets for the apparatus(es).
13. *Acceptance:* The apparatus will be accepted after inspection by the Town of Cornwall/CVFD to determine the build is in compliance with this ITB, the bidder's bid, and engineering drawings. The Town of Cornwall/CVFD will notify the bidder(s) of the results of the inspection within three (3) business days from the date of delivery.
 

Should the equipment not comply with all the requirements of this document and any subsequent contract, the equipment will be rejected at the final inspection. All equipment will be inspected for material, workmanship, and compliance with specifications. Any equipment found to be in non-compliance will be identified, and bidders will need to replace or rework all non-compliant items to meet the requirements of this document at no additional cost to the CVFD or Town.

The bidder will have 45 days after delivery to replace or rework any non-compliant items as needed to bring the apparatus into full compliance. In this case, bidder will incur all expenses for pickup and redelivery of the apparatus.
14. *CVFD Training:* The bidder(s) must provide at least one day of training for CVFD firefighters on the features of the new apparatus after delivery, with this training delivered during non-standard business hours as needed (e.g. after 5pm or on weekends).

#### 4. Service Requirements

1. *Warranty:* The apparatus must be warranted to be free of defects in material or workmanship. Longer warranties on the entire vehicle or major components are preferable as the Town is planning on using the

vehicle for 25 years or longer as front line apparatus. The CVFD strongly prefers that the warranty provided by the bidder(s) include the following features:

- a. The chassis: warranted by the manufacturer.
- b. The apparatus itself: covered by a 2-year warranty.
- c. The body: covered by a 15-year, 100,000-mile warranty.
- d. The tank: covered by a lifetime warranty.
- e. The paint: covered by a 10-year warranty.
- f. The electrical system: covered by a 7-year warranty
- g. The plumbing: covered by a 10-year warranty.
- h. The Hale pump: covered by a 5-year warranty.
- i. Full standard Ford warranty for Mini-Pumper

As part of their response, bidders will supply details about the warranty timelines they are proposing.

2. *Access to service and repair:* The CVFD must be able to:

- a. Obtain service/repair for the apparatus with minimal travel time required; ideally, this means that service centers are available within a 100-mile radius of West Cornwall, CT;
- b. Obtain service/repair for the apparatus quickly, with quick turnaround times designed to minimize out-of-service time for the apparatus; ideally, this means service and repairs should be available on a 24-hour-a-day, 7-day-a-week, 365-day-a-year basis;
- c. Obtain all standard service/repair for the apparatus without additional difficulty (e.g. without additional travel to specialized service centers, without waiting to schedule advanced service technicians). The service center(s) (whether bidder-managed or third-party managed) must be capable of servicing the apparatus(es) proposed by the bidder and all the component parts;
- d. Obtain services from service centers whose focus is fire equipment and who have relationships with the apparatus manufacturer;
- e. Obtain mobile/on-site service and repair, with service technicians visiting our location(s).

The CVFD is open to service provided either a) by the bidder directly at its own service center, or b) by subcontractors/third party service providers who operate their own service centers. However, if the bidder is proposing that the service requirements above be met by third-party service providers, these third-party providers must have an official relationship with the apparatus manufacturers.

## 5. Price Requirements

1. *Fixed Price:* The CVFD plans to enter fixed-price contract(s) for these apparatuses. Bidders should be aware that we will not accept open-ended or time-and-materials pricing structures.

### III. REQUIREMENTS IN DETAIL

*Bidders must include this section, completed, as part of their bid response.*

*For instructions, please see Section V.3 “Your Proposed Apparatus and Your Ability to Meet Requirements.”*

#### 1. Rescue Pumper Requirements

The Cornwall Volunteer Fire Department is looking to acquire a new Class A custom-cab Rescue Pumper. We envision this truck to be able to handle, as the first due engine, a large variety of emergencies from building fires to vehicle extrication. The apparatus will include, among other features, a custom six-man cab with full size compartments, including rear, and a 1,500 GPM pump with a 1,000-gallon tank. Our response area is very rural and contains multiple small roads and a covered bridge.

##### General:

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ The apparatus will be new.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ The rescue pumper will fit into the Cornwall firehouses.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ The completed apparatus and documentation provided to the CVFD will conform to current NFPA, State, DOT, and Federal requirements regarding fire apparatus.

##### Cab and Chassis:

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Spartan FC-94 chassis or equivalent

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 450 hp Cummins engine

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Allison EV 3000 Transmission with Jake Brake downshifting

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Total vehicle length less than 34', ideal length 30'

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Total vehicle height 10'2" or less, ideal height 10'

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rear Locking Differentials

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ On-Spot tire Chains

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Four Door cab

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Polished Aluminum wheels/rims

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Able to maintain 50 mph on an 8% grade

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 200-watt siren & speakers

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Federal Q Siren (Driver & Pass switch & brake, no foot pedals)

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Shutter-tone airhorns on front fender or under cab

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ All Red LED Emergency lighting that conforms to NFPA standards

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ LED Headlights, high/low beams

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Front LED Pioneer brow light in center of light bar
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Aux LED backup lighting
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Cab tilt control
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Kussmaul charger/shoreline truck battery charger
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Station air inlet connection
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Back up alarm
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 50-gallon diesel fuel tank
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Jump start terminals
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Vehicle Data Recorder
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rear mud flaps

**Cab Interior:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ At least 96in<sup>2</sup> reflective material on interior of each door in cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Five (5) SCBA Seats, H.O. Bostrom
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Six (6) LED Streamlight hand lights with 12v charging mounts in cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Six (6) handheld radio charging bank on center console
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Wiring and space for a communication radio
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ AM/FM/Weather/Bluetooth band radio
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ iPad/tablet mount with swivel arm in front of officers seat
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 12V DC lighter plug outlet
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Wiring for Knox Box
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 110V command strip with six outlets
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Wiring and mount for thermal imaging camera
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) mounts for a flathead axe
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) mounts for a Halligan tool
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Mount for a 48" New York Hook
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Mount for a 2.5-gallon water fire extinguisher
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Cab A/C and heat
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Power windows
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Door Ajar warning light for all compartment doors
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Whelen siren control module in cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Pump shift
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Fuel fill side indicator in cab

**Pump and Plumbing:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Midship side-mount PTO drive 1,500 GPM Hale QMAX XS single-stage fire pump
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Pump Shift in cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Trident air primer
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Thermal relief valve
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 1,000-gallon poly water tank
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Main pump pressure & vacuum gauges
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Standard dial pressure gauges on discharges
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Digital GPM flow gauge for water manifold
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) 1.75" pre-piped cross lays (2" plumbing), 200' of 1.75" hose
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 1.75" pre-piped cross lay (2" plumbing) in front bumper, 150' of 1.75" hose
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Plumbing/connection for front bumper line on bumper not in compartment
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 2.5" pre-piped cross lay (3" plumbing), 300' of 2.5" hose, in hose bed
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Red vinyl cross lay retention system
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Foam system plumbed to front bumper cross lay and one 1.75" cross lay
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Foam cell with 30-gallon capacity
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) 2.5" (1 per side) discharge (non-foam)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 5" Stortz discharge passengers side (non-foam)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) 6" intake with master intake valve, terminate with 6" male threads (1 per side)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) Side 2.5" intake (1 per side)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 2.5" tank fill on rear of truck
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 4" Tank-to-Pump plumbing
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 2.5" Rear discharge (3" plumbing)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Stainless plumbing/piping where available
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Stainless swing out ball valves
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Pump house heater
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Auxiliary engine cooler
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Pump cooler/recirculation line
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Air horn push button from pump panel
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Panel-mounted pump vacuum/pressure service ports
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Panel-mounted ¼- turn line drains
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ LED lighting on both sides of pump panel
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Interior pump compartment LED Lighting
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Chrome caps and chains on all plumbing

**Body:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Aluminum body
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ No galvanized components or sub frame
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ LED step lighting where applicable
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Red LED Amber traffic advisor
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) Rear mounted, LED scene/flood lights, switched from cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Four (4) Side mounted LED Scene/flood lights (2 each side), switched from cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Color back-up camera, with monitor in cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ LED ground/perimeter lighting (min 6 lights)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rear tow eyelets mounted to rear frame rails
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Grab handles & folding steps where applicable per NFPA
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Five (5) folding steps on rear tail step area
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Wheel chock mounts in front of rear tires, away from exhaust pipe
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Four (4) folding steps by pump panel for access to cross lays (2 per side)

**Compartments:**

Ideal compartment interior dimensions:

- L1 dimensions: 51.5" width 70.5" height 26" depth
- L2 dimensions: 63.5" width 37.5" height 26" depth
- L3 dimensions: 42" width 70.5" height 26" depth
- R1 dimensions (lower): 51.5" width 33" height 26" depth
- R1 dimensions (upper): 51.5" width 37.5" height 13.5" depth
- R2 dimensions: 63.5" width 37.5" height 13.5" depth
- R3 dimensions (lower): 42" width 33" height 26" depth
- R3 dimensions (upper): 42" width 37.5" height 13.5" depth
- B1 dimensions: 42" width 60" height 26" depth

Proposed compartment interior dimensions:

- L1 dimensions: \_\_\_\_\_ width \_\_\_\_\_ height \_\_\_\_\_ depth
- L2 dimensions: \_\_\_\_\_ width \_\_\_\_\_ height \_\_\_\_\_ depth
- L3 dimensions: \_\_\_\_\_ width \_\_\_\_\_ height \_\_\_\_\_ depth
- R1 dimensions: \_\_\_\_\_ width \_\_\_\_\_ height \_\_\_\_\_ depth
- R1 dimensions: \_\_\_\_\_ width \_\_\_\_\_ height \_\_\_\_\_ depth
- R2 dimensions: \_\_\_\_\_ width \_\_\_\_\_ height \_\_\_\_\_ depth
- R3 dimensions: \_\_\_\_\_ width \_\_\_\_\_ height \_\_\_\_\_ depth

R3 dimensions: \_\_\_\_\_ width \_\_\_\_\_ height \_\_\_\_\_ depth

B1 dimensions: \_\_\_\_\_ width \_\_\_\_\_ height \_\_\_\_\_ depth

Total compartment space: \_\_\_\_\_ cubic feet

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Full height rear compartment (B1)

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Compartment venting in all compartments

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ LED compartment lighting that illuminates entire compartment

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 300-pound roll out tray in L1 with a hose roll storage box with 16" sides and rear

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Four (4) Vertical adjustable dividers within hose roll storage box for hose rolls in L1

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Fold out horizontal tray for pump fittings in L1

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 300-pound lower roll out trays in compartments: L3, B1, R1

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Fold down tray in L2

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Toolboard on back wall of R2

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) slide out vertical tool boards in R3

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Adjustable shelves in L1, L2, L3, R1, R3, B1

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Wiring for battery bank for Milwaukee batteries in L3

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Wiring for battery bank for battery-powered extrication tools in B1

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Tool mounts for extrication tools on Roll Out Trays in B1

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Dri-deck matting on all shelves/trays

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Storage for two (2) 10' sections of 6" hard suction

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Interior ladder compartment with: 24' extension ladder, 14' roof ladder

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Compartment space for two (2) 10' pike poles, one (1) 10' attic ladder

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Three (3) SCBA Spare bottle compartments (30 min, 4,500 psi) by wheel wells

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) fire extinguisher compartment by wheel wells

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) Radio box with headset in L1 compartment

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ LED Hose bed lights

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rear hose bed capacity: 2,200' of 5" LDH

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Red vinyl hose bed cover

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rear hose bed capacity: 300' of 2.5" attack hose

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) Hose wells on running board ahead of side compartments (1 per side)

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Free-floating hose wells with capacity to hold 50' section of 5" hose

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Drain holes in corners of hose wells

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Hose well covers

**Electrical:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Electrical system conforms to current SAE, FMVSS, and NFPA Standards
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Electrical system located in weather-resistant enclosures
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ All wiring and harnessing conforms to NFPA, SAE, and IPC/WHMA standards
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Fast idle system controlled by a switch access

**Paint:**

*CVFD can provide a digital copy of our logo/badge.*

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Cab and body painted red with half white cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Side roll up doors unpainted with white stripe
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rear roll up door unpainted with white "ENGINE 4" and "Service Since 1932"
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 3" simulated gold leaf lettering "CORNWALL ENGINE 4 VFD" on front cab doors
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) Cornwall VFD badge on rear cab doors (1 per side)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) simulated gold leaf "CORNWALL" on rear body above compartments (1 per side)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Blue EMS Star of Life on R1 compartment door
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Simulated gold leaf "CORNWALL" above front grille
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) E4 in front two corners of cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Undercoating and anti-corrosion protection for frame and underbody

**Additional equipment included in bid price:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Six (6) 4/5-inch spanner wrenches with mounts, three (3) mounted (by bidder) per side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Four (4) 1-3/4 inch spanner wrenches with mounts, two (2) mounted (by bidder) per side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) wheel chocks
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) 10' sections of 6" hard suction
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 24' extension ladder
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 14' roof ladder
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Twenty-one (21) 100' 5" Double jacket poly hose with Stortz connectors
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 50' 5" Double jacket poly hose with Stortz connectors
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) 25' 5" Double jacket poly hose with Stortz connectors

**Dimensions and Ratings:**

Total vehicle height: \_\_\_\_\_

Total vehicle length: \_\_\_\_\_

Wheel base: \_\_\_\_\_

Total GVWR: \_\_\_\_\_

Front axle rating: \_\_\_\_\_

Rear axle rating: \_\_\_\_\_

Total vehicle weight: \_\_\_\_\_

Total Equipment allowance: \_\_\_\_\_

Total Hose Bed allowance: \_\_\_\_\_

Total compartment space (ft<sup>3</sup>): \_\_\_\_\_

Rear hose bed space (ft<sup>3</sup>): \_\_\_\_\_

**Warranty Details:**

Chassis: \_\_\_\_\_

Apparatus: \_\_\_\_\_

Body: \_\_\_\_\_

Tank: \_\_\_\_\_

Paint: \_\_\_\_\_

Electrical system: \_\_\_\_\_

Plumbing: \_\_\_\_\_

Pump: \_\_\_\_\_

**Bid Details:**

Complete build time: \_\_\_\_\_

Bid Amount, in USD: \_\_\_\_\_

## 2. Mini-Pumper Requirements

The Cornwall Volunteer Fire Department is looking to acquire a Mini-Pumper. We envision this truck responding to all calls that we receive, from building fires to motor vehicle accidents, and we anticipate towing a rope and water rescue trailer. This truck should have off-road capabilities to drive to hard-to-reach buildings and water sources. It will need to have a 300-gallon water tank and a 1,250 GPM pump. There should also be a 2,000 pound equipment/hose allowance.

### General:

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ The apparatus will be new.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ The mini-pumper will fit into the Cornwall firehouses.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ The completed apparatus and documentation provided to the CVFD will conform to current NFPA, State, DOT, and Federal requirements regarding fire apparatus.

### Cab & Chassis:

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Ford F-550, 2025 or 2026, 4-door Crew Cab, dual rear wheels, 4x4

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Ford Red cab

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ GVWR: 19,500 lbs.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ GAWR: front: 7,500 lbs.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ GAWR rear: 14,706 lbs.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Payload Plus Upgrade Package, increase GVWR to 19,500 lbs.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Extra heavy-duty front-end suspension

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Back-up camera

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Back-Up alarm

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Door ajar warning light for all compartment doors

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 6.7L power stroke diesel V8

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Engine block heater

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Ten-speed automatic transmission

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Transmission-mounted line drive and stationary mode PTO

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Electronic-shift-on-the-fly 4x4 system

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 400 amp. alternator

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Engine exhaust system extended to rear of the right rear tire

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Vehicle data recorder

**Exterior:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 40-gallon fuel tank  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 19.5" Argent painted steel wheels  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) Kussmaul auto charge super auto eject  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) Kussmaul low voltage alarm  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Powerscope trailer tow mirrors with 2-way fold  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Front bumper painted black  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Black door handles  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Grille painted black  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Front color-coordinated scuff plates  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Front splash guard/mud flaps  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rear mud flaps  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) front tow Hooks  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Solar-tinted glass rear and side-rear windows  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Exhaust system shall be extended to the rear of the right rear wheel  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 10" aluminium rear bumper installed into chassis frame and poly body  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Buckstop 8" black plastic fender flares  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Buckstop 3-½" lifting kit

**Interior:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ At least 96 in<sup>2</sup> reflective material on interior of each door in cab  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Replace rear two seats with two (2) H.O. Bostrom SCBA seats  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Wiring and space for a communication radio  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ AM/FM Radio  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rubber floor mats  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Whelen siren control module in cab  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ iPad/tablet mount with swivel arm in front of officers seat

**Buckstop Front Bumper:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Made of steel  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Hidden winch mount (up to 16,500 lbs.)  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Winch access cover door  
Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 2" trailer receiver

**Super Single Wheels:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ “Super Single” conversion kit on front and rear axles
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Tires: Continental MPT81 335/80R20 radial 41" diameter with 6,700 lbs capacity
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Painted black aluminum 11" x 20" rims
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One “Super Single” spare tire, as described above, shipped loose

**Poly Body:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Constructed with extruded copolymer polypropylene
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Modular construction for easy replacement
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Stainless Steel subframe painted black
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Six (6) slip-resistant handrails, four (4) rear of body, top of the body one (1) each side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Four (4) non-skid folding steps at rear of body, two (2) on each side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Four (4) manual pull-out steps, two underneath pump panel, two (2) in rear
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) tow eyes attached directly to the frame structure in rear
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) wheel chocks with storage brackets underneath the flatbed behind cab

**Compartments:**

- L1 dimensions: \_\_\_ width \_\_\_ height \_\_\_ depth
- L2 dimensions: \_\_\_ width \_\_\_ height \_\_\_ depth
- L3 dimensions: \_\_\_ width \_\_\_ height \_\_\_ depth
- R1 dimensions: \_\_\_ width \_\_\_ height \_\_\_ depth
- R1 dimensions: \_\_\_ width \_\_\_ height \_\_\_ depth
- R2 dimensions: \_\_\_ width \_\_\_ height \_\_\_ depth
- R3 dimensions: \_\_\_ width \_\_\_ height \_\_\_ depth
- R3 dimensions: \_\_\_ width \_\_\_ height \_\_\_ depth
- B1 dimensions: \_\_\_ width \_\_\_ height \_\_\_ depth
- Total compartment space: \_\_\_ cubic feet

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Compartments constructed with ½-inch high impact resistant copolymer sheet
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Integrated ventilation system in all compartments
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Multi-compartment body module constructed from ½-inch polypropylene
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Three (3) compartments on both driver and passenger side of body
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Single door compartment ahead of rear wheels (driver/passenger side)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Single door compartment over rear wheels (driver/passenger side)
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Single door compartment behind rear wheels (driver/passenger side)

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) Compartment located at rear of the polybody with a roll-up door
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Roll up gray aluminum doors for all compartments
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) LED white lights per compartment
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Adjustable mounting for shelving in all compartments
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Ten (10) adjustable shelves made from 0.125 smooth aluminum sheet
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Suction hose compartment in rear upper portion of the driver side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Space for two 9' sections of hard suction hose
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Ladder & Pike pole compartment in rear upper portion of passenger side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Three (3) PVC tubes used to store Pikes in compartment
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) hose bed storage installed between body modules, opened to the rear
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) adjustable dividers in hose bed
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Black canvas with snaps installed on top of storage bed
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 12-volt electrical supply mechanically attached to frame or body structure
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Four (4) 110-volt duplex outlets: (1) in L1, (1) in L3, (1) in R2, (1) in R3
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Wiring for battery bank for battery powered extrication tools in R3
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Wiring for battery bank for Milwaukee batteries in R1
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Mounts for extrication tools on roll out tray in R3

**Paint:**

*CVFD can provide a digital copy of our logo/badge.*

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 4" White reflective stripping applied to cab & polybody
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 3" simulated "gold leaf" letter, "CORNWALL SQUAD 1 VFD" on front doors
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Cornwall VFD Badge on rear cab doors
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rear roll up door unpainted with white "Squad 1" and "Service Since 1932"
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Simulated gold leaf lettering "CORNWALL" above compartments
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Rear chevron, 6" reflective red and yellow stripes covering entire area
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ White reflective striping on the cab, polybody and roll up doors
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Undercoating and anti-corrosion protection for frame and underbody

**Electrical:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Electrical system conforms to current SAE, FMVSS, and NFPA Standards
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Electrical system located in weather-resistant enclosures
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ All wiring and harnessing conforms to NFPA, SAE, and IPC/WHMA standards
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Fast idle system controlled by a switch access

**Lighting:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ DOT lighting
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 54" LED Whelen Liberty II DUO WeCan Lightbar
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Whelen CenCom Core amplifier, with Whelen control head mounted in cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Traffic Advisor Arrow Stick mounted to rear of apparatus body
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Front Bumper LED Bar light
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) driver side surface mount LED scene lights
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) passenger side mount LED scene lights
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) rear surface mount LED scene lights
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) front fog lights controlled in cab
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Four (4) ground lights at entry of cab, two on each side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) Ground lights under the L1 and R1 compartments, one on each side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) Ground lights under L3 and R3 compartments, one on each side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) Ground lights under rear bumper, one (1) on each corner at 45 degrees

**Tank:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Constructed of ½" thick polypropylene sheet
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Tank capacity of 300 U.S. gallons of water

**Pump and Plumbing:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Hale DSD 1,250 GPM midship side-mount pump
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Trident Air Primer
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Thermal Relief Valve
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Pump Cooler/Recirculation Line
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) 1.75" 200' preconnected cross lays
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Hale 12VDC priming system
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Class 1 water level display
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Remote water level display for chassis cab console
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Remote foam level display for chassis cab console
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Thermal relief valve
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 2.5" Intake relief valve
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 3" tank to pump
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Chrome caps and chains on all plumbing

**Discharge:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 2.5" valve with 3" piping to 2.5" adaptor driver side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 2.5" valve with 3" piping to 2.5" adaptor passenger side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 5" Stortz discharge passengers side
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) 2" valve with a 1.5" cross lay preconnect
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 2.5" valve with 3" piping to 2.5" adaptor rear

**Intake:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 6" driver side suction with master intake valve
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 6" passenger side suction with master intake valve
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) 2.5" driver side suction
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ 2" rear tank fill

**Additional Equipment included in bid price:**

- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Two (2) 6" NST 9' clear suction hoses
- Yes \_\_\_ No \_\_\_ Exception? \_\_\_ One (1) Alco-Lite PEL3-19 Ladder

**Dimensions and Ratings:**

- Total vehicle height: \_\_\_\_\_
- Total vehicle length: \_\_\_\_\_
- Wheel base: \_\_\_\_\_
- Total GVWR: \_\_\_\_\_
- Front axle rating: \_\_\_\_\_
- Rear axle rating: \_\_\_\_\_
- Total vehicle weight: \_\_\_\_\_
- Total Equipment allowance: \_\_\_\_\_
- Total Hose Bed allowance: \_\_\_\_\_
- Total compartment space (ft<sup>3</sup>): \_\_\_\_\_
- Rear hose bed space (ft<sup>3</sup>): \_\_\_\_\_

**Warranty Details:**

- Chassis: \_\_\_\_\_
- Apparatus: \_\_\_\_\_
- Body: \_\_\_\_\_
- Tank: \_\_\_\_\_

Paint: \_\_\_\_\_

Electrical system: \_\_\_\_\_

Plumbing: \_\_\_\_\_

Pump: \_\_\_\_\_

**Bid Details:**

Complete build time: \_\_\_\_\_

Bid Amount, in USD: \_\_\_\_\_

### 3. Additional Requirements

For details about each of these requirements, please refer to Section II, "Scope of Work."

Yes \_\_\_ No \_\_\_ Bidder has 10 years of experience successfully designing, constructing, and delivering vehicles to the fire industry.

Yes \_\_\_ No \_\_\_ Bidder has delivered similar apparatus to fire departments in the New England area.

Yes \_\_\_ No \_\_\_ Bidder works with manufacturers who also have 10 years of experience.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ All equipment and components must be in compliance with current NFPA standards for automotive fire apparatus with fire pump, as well as with any applicable federal, state, DOT, or ICC standards.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder will provide a performance bond

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder will hold a pre-construction kickoff meeting

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder will hold a pre-paint inspection meeting for (3) with travel and living expenses included in price

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder will provide a final inspection trip for (3) with travel and living expenses included in price

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder will hold comprehensive liability coverage

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder will provide a mounting allowance for additional equipment.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder will deliver the apparatus(es) as described.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder will provide all service manuals for components, in digital and/or hard copy, as described in Appendix 2.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder will provide training as described.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ The CVFD will be able to obtain service and repairs as described.

Yes \_\_\_ No \_\_\_ Exception? \_\_\_ Bidder is offering a fixed price.

## IV. THE ITB PROCESS

### 1. ITB Schedule

The table below shows the preliminary ITB schedule. Dates are subject to change.

- This ITB is being issued on November 19, 2025.
- Questions are due by December 1, 2025.
- Bids will be due on Wednesday, December 17, 2025, at 11:00pm.

All times are in Eastern Time.

### 2. Addenda To This ITB

Any official clarifications or addenda to this ITB will be posted to Cornwall, CT's website ([www.cornwallct.org](http://www.cornwallct.org)) and the CVFD's website ([www.cornwallfire.org](http://www.cornwallfire.org)). Bidders are responsible for checking this website and incorporating any updates into their bids.

If you would like the Town of Cornwall/CVFD to email you any addenda, please send us an Expression of Interest to Gordon Ridgway, First Selectman, Cornwall, [selectmen@cornwallct.gov](mailto:selectmen@cornwallct.gov). Please include in the subject line **Expression of Interest: Two Fire Trucks: Rescue Pumper and Mini-Pumper**.

### 3. Notices Regarding Bids

Please note that all bids will be public record. Do not submit confidential information in your bid.

The Town of Cornwall or the Cornwall Volunteer Fire Department may reject any and all bids if we determine that cancellation or rejection serves the best interests of the Town or Department. The Town of Cornwall or the Cornwall Volunteer Fire Department may select/award the bid that we determine serves the best interests of the Town or Department.

This ITB is open to any qualified bidders who would like to respond.

Modifications to bids are accepted before the bid closing date if: a) they are received prior to the Bid Due Date, b) they are received in writing; and c) they are signed by a bidder's authorized representative.

Errors, alterations, or corrections must be initialed by the person signing the bid.

Bids will be considered valid for sixty (60) days after bids are opened and may not be withdrawn, canceled, or modified during this time.

### 4. Change Orders

The Town and Department believe that we have provided enough detail in this ITB that change orders should not be necessary. Furthermore, the Town and Department intend to enter into a contract with a bidder or bidders who can deliver the apparatus(es) as specified in their bid, and expect that this contract will be binding. As such, bidders should not anticipate using the change order process to alter the Scope of Work or terms laid out in this solicitation.

However, the Town and Department do understand that fire trucks are complex machines constructed on long timelines. If, in extraordinary circumstances, changes to the apparatus are required, the Town/CVFD will consider proposed alterations to the apparatus specifications, though we are under no obligation to accept them.

In the unlikely event that change orders become necessary, the Town or Department will not pay for any change orders that are not previously approved in writing by the CVFD Board of Directors and Town of Cornwall Select Board.

## **5. ITB Contact/What To Do If You Have Questions**

Bidders can ask questions in writing by emailing them to:

- The point of contact for this ITB for questions relating to specifications is Chris Jackson, Captain, Cornwall Volunteer Fire Department, [wccaptain@cornwallfire.org](mailto:wccaptain@cornwallfire.org).
- The point of contact for this ITB for questions relating to the bidding process is Gordon Ridgway, First Selectman, Town of Cornwall, [selectmen@cornwallct.gov](mailto:selectmen@cornwallct.gov).

Questions are due by December 1, 2025.

In order to provide a level playing field to all bidders, any verbal responses provided in conversation with any member of the Town government or CVFD are not binding; only written responses shared with all bidders as an Addendum to this ITB will represent the official clarifications to this solicitation. Should any bidder ask a question that is relevant to all bidders, Cornwall will issue an addendum with its answer and post the addendum publicly as described above.

# V. WHAT YOUR BID SHOULD INCLUDE

Please assemble the following information to submit to the Town of Cornwall as a bid.

## 1. Cover Page

Please include a cover page as the first page of your bid. Please include all the information below on your cover page.

- The title of this ITB: Two Fire Trucks: Rescue Pumper and Mini-Pumper.
- Your organization name.
- The name, title, address, email, and phone number for the primary point of contact for your bid.
- The name, title, address, email, and phone number for the primary point of contact for the individual authorized to negotiate and contractually bind your organization, if different.
- A brief description of your proposed apparatus and why you would be a good partner for the CVFD on this project (4–5 sentences).
- Certification that this bid is valid for 60 days.
- The total price for your proposed apparatus(es).

## 2. Bidder Experience

The bidder(s) must have 10 years of experience successfully designing, constructing, and delivering vehicles to the fire industry (e.g. pumpers, tankers, ladder trucks, etc.) The bidder(s) must have delivered similar apparatus to fire departments in the New England area. The bidders must work with manufacturers who also have 10 years of experience.

Please include a brief narrative (at most 1 page) describing your experience.

## 3. Your Proposed Apparatus and Your Ability to Meet Requirements

For each specification listed in Section III, Requirements in Detail, you *must*:

- a) Indicate whether you can meet the specification as it is written (**yes** or **no**).
- b) If you **can** meet the specification as written, you may nonetheless propose an exception. Please describe these exceptions and why you are proposing them as alternatives.
- c) If you **cannot** meet the specification as written, this is considered an exception. Please explain why you cannot meet the specification and provide details about potential alternatives that might meet the same need.

**For exceptions, please mark each line to which you are taking an exception with a number and include an attachment with the requested details for each line.**

Please also include dimensions and weights where requested.

***You must use Section III, “Requirements in Detail”, as a checklist to submit with your response.***

## 4. Your Detailed Response to the Scope of Work

Please include a written narrative that thoroughly describes your ability to provide the services described in this Scope of Work. You should clearly describe how you are able to meet or exceed our needs. Please feel free to use anything (e.g. graphics, links to your work, etc.) that helps you make your case.

We would appreciate it if you addressed the following questions in your response:

- The CVFD needs to ensure that its apparatus is rarely out of service. How do the apparatuses you build receive service? How will the CVFD go about getting required maintenance and repairs during the life of the apparatus? How can you help us meet this need?
- How will the CVFD obtain needed service? Please provide a list of service providers who can maintain and service your proposed apparatus. Please describe their relationship with you and their experience with fire apparatus.
- Given that the work of the CVFD is a needed public service, the provisions of this ITB relating to the time of delivery, performance and completion of the work are of the essence. How will you ensure that the apparatus(es) are delivered according to the timeline you are proposing?
- Is there anything about the construction process that we should be aware of? Do you have any concerns about what we are proposing?

## 5. Timeline/Schedule

Please provide a draft timeline or schedule for the construction of your proposed apparatus, with defined phases, if appropriate.

Please provide a proposed delivery date for the apparatus(es).

## 6. Warranty Details

Please provide details for the warranties for each part, including the apparatus as a whole, chassis, body, tank, paint, electrical system, plumbing, and pump. Please describe any details we may need to know about these warranties.

## 7. Schematic Drawings and Spec Sheets

The bidder must submit proposal drawings on a minimum of 11"x17" page size at a minimum of 1":30" scale. The drawings must show overall vehicle chassis and body from the streetside, curbside, and rear view, and must include placement of lighting and major tools and equipment including porta-tank racks, hose lays, hose reels, etc. All compartments must be shown, with dimensions.

The bidder must submit complete spec sheets (technical specifications) for each component part of the apparatus, including but not limited to motor, transmissions, frame, axles, suspension, braking system, fuel tanks, pump, plumbing, electrical, compartment, lighting, and other complex systems.

## 8. References

Please submit three references from fire departments for whom you have built a similar apparatus in the last five years. We strongly prefer to hear from references located within 100 miles of Cornwall, CT. Please include the below information for each reference provided.

- Brief description of apparatus provided to reference department
- Reference name
- Reference organization and address
- Reference phone number and email

## 9. Bid Bond and Certificate of Insurance

Please provide a bid bond worth 5% of your total bid as described in Section II.2, “Bonding Requirements.”

Please provide a copy of your certificate of general liability insurance as described in Section II.3.7, “Bidder Requirements.”

## 10. Your Bid Price

Please provide us with the total price, in U.S. dollars, for your proposed bid. The total price will be used to compare bid prices.

The bid price for your proposed apparatus must include all costs associated with completing the Scope of Work outlined in this ITB, including equipment cost for required proprietary equipment (e.g., tooling for maintenance, software/firmware subscription).

No additional charges will be allowed, unless they are included in your price bid.

Do not include taxes in your bid. In accordance with the provisions of Section 12-412 (a) of the Connecticut General Statutes, the Town of Cornwall is exempt from the payment of Federal or State tax and such tax or taxes shall not be included in bid prices. The CVFD is a 501(c)3 organization; exemption certificates will be provided, if requested, following award.

The bidder will bear the onus of any errors made in pricing the services.

## 11. Additional Terms and Conditions

You must include a copy of any additional terms and conditions (e.g. sales agreements) that you expect Cornwall/the CVFD to sign. Cornwall/the CVFD reserves the right to reject any additional terms and conditions that contradict this solicitation or that we determine to not be in Cornwall’s best interest.

## **12. Discounts**

The Cornwall Volunteer Fire Department and the Town of Cornwall invite all bidders to provide options for:

- Prompt-payment discounts
- Cash-payment discounts
- Discounts that may apply if we acquire both needed apparatus from a single bidder.

## **13. Signature**

The authorized person representing the legal entity of the proposer (the person listed on the cover page) must sign the bid.

## VI. HOW TO SUBMIT YOUR BID

### 1. How to Submit Your Bid

We will not be able to consider bids that are submitted late or that do not follow the below guidelines.

The bidder must submit the bid by the deadline, completely, and truthfully.

The bidder must submit all the necessary documentation requested in this ITB and do so via the process requested.

It is the bidder's responsibility to see that their bids arrive on time.

### 2. When and Where to Submit Your Bid

To be considered responsible and eligible, you must submit a complete bid by **11:00am on Wednesday, December 17, 2025**. It is the bidder's responsibility to make sure their bid arrives on time.

Bids must be received at the Cornwall Town Hall (24 Pine Street, PO Box 97, Cornwall, CT 06753) by the date above.

You may submit your bid to the Town of Cornwall in person to:

Jane Hall, Administrative Assistant  
Cornwall Town Hall  
24 Pine Street  
Cornwall, CT 06753

The Town Hall is open 9:00am to 12:00pm and 1:00pm to 4:00pm, Monday through Thursday.

You may submit your bid by mail or delivery service to:

Cornwall Board of Selectmen  
attn: Jane Hall, Administrative Assistant  
PO Box 97  
Cornwall, CT 06753

Envelopes should be clearly marked with the title of this ITB: **Two Fire Trucks: Rescue Pumper and Mini-Pumper**. Bids should be sealed.

Bids must be delivered in person, by mail, or by courier. Emailed, faxed, unsealed bids or telephone bids will not be considered.

### 3. Required Copies of Bid

Bidders must provide **four sealed physical copies of their bid plus one electronic copy on a thumb drive**, in common computer format (e.g. Microsoft Word, Adobe PDF, or similar).

## VII. APPENDICES

### Appendix 1: Insurance Requirements & Recommendations

The bidder(s) must purchase and maintain during the term of the contract all insurance required by the State of Connecticut and assure that all subcontractors carry similar and appropriate coverage.

Insurance must be issued by insurance companies licensed to write insurance in their domicile state and the State of Connecticut, and must have a current Best's rating of A- VII or above. Insurance Certificates on Acord Form 25 evidencing all requirements listed below must be delivered to the Town/CVFD by the selected bidder(s) prior to the execution of any contract. Additionally, renewal certificates must be delivered within 30 days prior to the expiration of the preceding policy.

The Town of Cornwall must be named as Additional Insured on all policies except Workers' Compensation and Employer's Liability. This insurance must be primary and noncontributory over any such insurance available to the Town, its officials, employees and volunteers. A Waiver of Subrogation must be included as respects all coverages listed above in favor of the Town of Cornwall. The Workers' Compensation Policy must be specifically endorsed and noted as such in the required certificate. All policies will be endorsed to provide thirty days written notice to the Town of Cornwall in the event of cancellation, non-renewal or material changes in coverage. Such endorsements must be attached to the Certificate.

The Town of Cornwall/CVFD recommends that the following coverage be considered a minimum:

- Commercial General Liability with coverage no less than ISO CGL Form, CG00 01 0413, for five million (\$1,000,000) per occurrence and five million (\$5,000,000) annual aggregate limit per location or project basis.
- Automobile Liability (Any Auto/Hired/Non-owned) for one million (\$1,000,000) combined single limit per accident.
- Umbrella Liability excess of Commercial General Liability, Employer's Liability and Auto Liability for five million (\$5,000,000) each occurrence. In lieu of umbrella liability, required limits may be achieved by purchasing higher limits on individual policies.

## Appendix 2: Required Documentation

At the time of apparatus delivery, the bidder(s) must provide the CVFD, in writing, the documentation listed below.

- An OEM inspection certificate for the apparatus, proving that all applicable standards (including but not limited to current NFPA standards for automotive fire apparatus with fire pump, as well as any applicable federal, state, DOT, or ICC standards) have been met or exceeded by the bidder.
- The manufacturer's record of apparatus construction details, including the following information:
  - Apparatus manufacturer, model, and serial number
  - Chassis make, model, and serial number
  - GAWR of front and rear axles
  - Front tire size and total rated capacity in pounds
  - Rear tire size and total rated capacity in pounds
  - Chassis weight distribution in pounds with water and manufacturer mounted equipment
  - Engine make, model, serial number, number of cylinders, bore, stroke, displacement and compression ratio, rated horsepower and related speed, and no-load governed speed
  - Type of fuel and fuel tank capacity
  - Electrical system voltage and alternator output in amps.
  - Battery make and model, capacity in CCA
  - Transmission make, model, and type
  - Pump to drive through the transmission (yes or no)
  - Engine to pump gear ratio used
  - Pump make, model, rated capacity in g.p.m., serial number, number of stages, and impeller diameter in inches
  - Pump transmission make, model, and serial number
  - Priming device type
  - Type of pump pressure control system
  - Auxiliary pump make, model, rated capacity in g.p.m., serial number, number of stages, and impeller diameter in inches
  - Water tank certified capacity in gallons
  - Paint numbers
  - Company name and signature of responsible company executive.

- The pump manufacturer's certification of suction capability.
- A copy of the apparatus manufacturer's approval for stationary pumping.
- The engine manufacturer's certified brake horsepower curve for the engine furnished, showing the maximum no-load governed speed.
- The pump manufacturer's certification of hydrostatic test.
- The certification of inspection and test for the fire pump.
- Weight documents from a certified scale, showing actual loading on the front axle, rear axle(s), and overall vehicle (with the water tank full but without personnel, equipment, and hose).
- Written load analysis and results of the electrical system performance tests.
- The certification of water tank capacity.
- Two (2) copies of the pump operation and maintenance manual.
- Two (2) destination effective wiring diagrams (as built).
- Copies of electrical and mechanical component manuals for equipment purchased on or with the apparatus.
- A sketch of the booster tank indicating all dimensions and baffle locations.
- One (1) copy of the certification of third party pump test.