

Westford Volunteer Fire Department

Tanker 12 Replacement Proposal
(ADAPTED FROM 2024 PRESENTATION)

- Re-vote from 2024

- 2024, Bond Vote passed by over a 77% majority

- 641 Yes
 - 187 No
 - 14 Blanks



- Why the Re-vote?

- Didn't meet Statutory Requirements.

- ✓ Although duly warned in 5 places in Town and presented to the Voters prior to Town Meeting day (March 5, 2024)
 - ❑ WE failed to meet the requirement of Publishing the Bond Article in the Town's newspaper of record (Burlington Free Press) 3 consecutive weeks on the same day of week with last date not more than 10 and no less than 5 days before vote



What's Changed since 2024?

- Original Bond passed not to exceed \$630,000, an estimated total cost
- Upon passing, Westford contracted for a new Tanker at a cost of \$582,724 and paid \$160,000 as a down payment using Fire Dept Capital Reserve funds

$\$582,724 - \$160,000 = \$422,724$ balance

Town Attorney recommended \$475,000 to account for any contract allowed charges and partial repayment of \$22,500 of the \$160,000 down payment

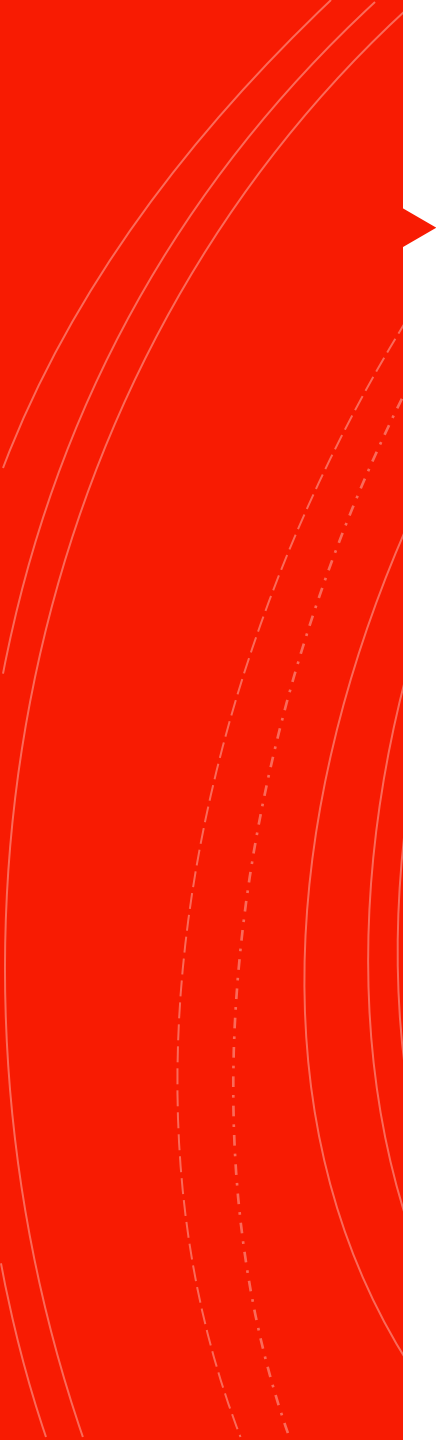


Our Current Tanker

- Built in 1995 by Dingee Machine Co, Tanker 12 is an International 4700 4x4 with a 1800 gallon tanker body.
- Tanker 12 carries 2 portable pumps rated at 250 gallons per minute, 1500 feet of 4 inch large supply hose, 800 feet of 2.5 inch supply hose, a 1800 gallon portable pond, and a 4 gas Carbon Monoxide meter

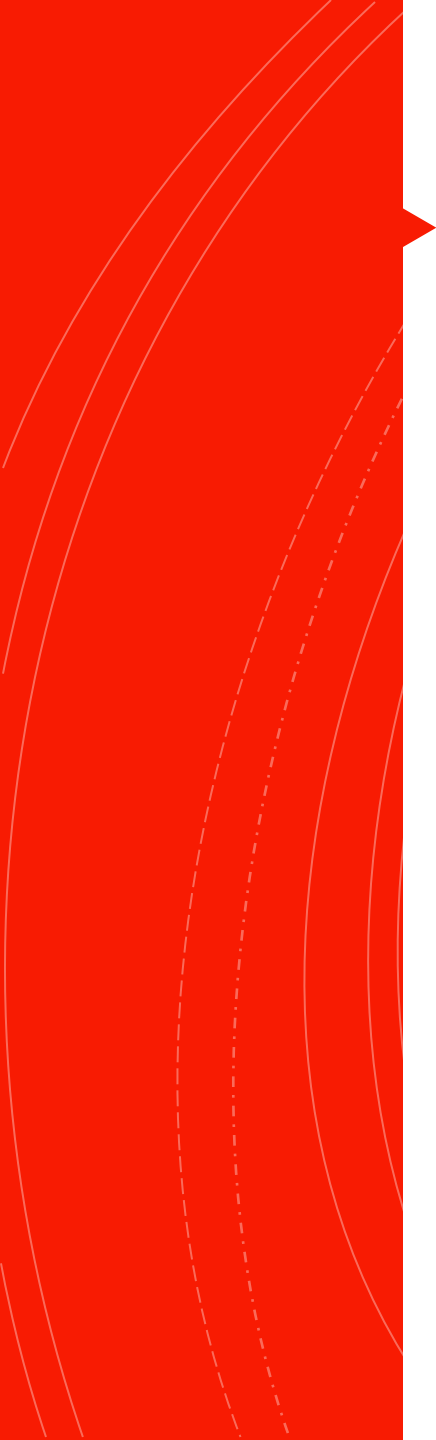
Age

- Built in 1995, tanker 12 is 31 years old. It has served the Town of Westford well but is starting to show its age. Some Parts on the tanker body and lighting system are not in production anymore leading to increased down time and more expensive repairs when the tanker breaks down.
- NFPA 1901 recommends that a fire apparatus after 20 years should be put into reserve status if the apparatus continues to meet performance standards and after 25 years should be retired from service



Air Pollution

- Our current tanker was built prior to any kind of emission standard by the federal government. Most modern commercial trucks (including Westford Highway Dept.) have trucks that are equipped with emissions standards. The new tanker would have all emissions equipment meeting current EPA Regulations.
- In 2027 the EPA is putting forward another tier of emissions standards for commercial vehicles, making trucks more expensive than they are today.



Primary Purpose

Our tanker is, for the most part, a second due apparatus for most calls in Westford. The purpose of the tanker is to haul water from a water source to the fire scene. As a town with no pressurized hydrant system, this truck is even more critical for the fire protection of this town. If this truck goes down due to a mechanical problem, we do not have enough water on engine 10 to extinguish a structure fire alone.

Proposed Truck

DocuSign Envelope ID: 4B1E2EB8-5A73-4EA0-B750-E870BC62067E

CUSTOMER APPROVAL SIGNATURE: _____ DATE: _____

WESTFORD-0001

IN THE EVENT THERE ARE DISCREPANCIES BETWEEN THE DRAWING AND THE SPECIFICATIONS, THE SPECIFICATIONS SHALL PREVAIL.

Labels for side view: WHELEN MIRC LED WARNING LIGHTS, FIRETECH FT-48-2 18-FT SCENE LIGHTS, FIRETECH FT-48-2 18-FT SCENE LIGHTS, (2) 1 3/4" MATTYDALE PRECONNECTS, FRC MAXVISION WATER TANK GAUGES, AIR HORNS, WHELEN MIRC LED WARNING LIGHTS, TOW EYES, RUB RAILS W/ GROUND & WARNING LIGHTS, AIR BOTTLE COMPARTMENT, WHELEN MCRNTR WARNING LIGHTS.

Labels for front view: FIRETECH FT-48-2 18-FT SCENE LIGHT, WHELEN FAUCOLE LIGHTBAR, WHELEN MIRC LED WARNING LIGHTS, FEDERAL Q28 SIREN, WHELEN S435P 100W SPEAKER.

Labels for top view: FOLDOUTANK 2100 GALLON, STORAGE FOR A 25' SECTION OF 1" SUCTION HOSE.

Labels for rear view: HOSE BED LIGHTS, BACK-UP CAMERA, FRC MAXVISION WATER TANK GAUGE, 2 1/2" REAR DISCHARGE, 2100 GALLON FOLDING TANK STORAGE, WHELEN MIRC LED WARNING LIGHTS, FIRETECH GUARDIAN FT-48-2M SCENE LIGHTS, FOLDING STEPS, SUCTION HOSE STORAGE ON COMPARTMENT TOP, WHELEN MIRC LED WARNING LIGHTS, CODE 3 PWS17RZ STOP/TAILBACK LIGHTS, 4" FIRE PROGRAMS TANK FILL, 10" MANUAL NEWTON SWIVEL DUMP.

Dimensions for side view: 104" O.A.H. (APPROX.), 354" W.S., 27" O.A.L., 136.9" C.A., 96.9" A.F., 146", 17".

Other labels: SUPER AUTO EJECT, FIRE EXTINGUISHER COMPARTMENT, WHEEL CHOCKS.

Dimensions for rear view: 100", 48".

REVISION HISTORY			
DATE	DESCRIPTION	DATE	NAME

Pump Info: Control Location: Side Pump Drive: PTO Pump Motor: Watertight Pump Model: C4XV Pump GPM: 1350		Apparatus Type: Tanker Chassis: FREIGHTLINER 108SD 2-DR Tank Capacity: 2000 Material: Stainless Steel	
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COMPARTMENT DIMENSIONS			
COMP #	DOOR OPENING SIZES		
L1 & R1	48" WIDE X 27" HIGH X 25" DEEP		
L2 & R2	18" WIDE X 27" HIGH X 25" DEEP		

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE NOT CUMULATIVE.

DECIMALS: 0.001 ANGULAR: 0.01° FRACTIONS: 1/16" METRIC: 0.5 mm

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DESIGN: M. TINKHAM 5/17/24 MATERIAL: _____

ALEXIS FIRE EQUIPMENT CO.
 P.O. BOX 549, ALEXIS, ILLINOIS 61412

TANKER
 WESTFORD FIRE DEPT
 WESTFORD, VT

DRW NO: D 102" x 1" SHEET: 1 OF 2
 PROJ#: T-N21 CONTRACT # _____

Proposed Tanker Truck Spec

Truck: Freightliner 108SD- 4x4 2 door cab

Body: 2000 gallon tanker body

Pump: Waterous 1250 gpm @150psi, PTO drive

Other: 2100 gallon portable pond, two lengths of 10' hard suction hose

This truck would have pumping capabilities and be able to act as an attack apparatus if needed. Above the pump house, it has 2 crosslays that would house 200 feet of 1 ¾ inch attack hose, a bed for 1,800 feet of large diameter water supply hose and storage space for a portable pump.

Dealer, Alexis Fire Equipment, Alexis, Illinois

Fit Up and Authorized Dealer, Lakes Region Fire Apparatus, Tamworth, NH

Timeline, Expecting Truck to be shipped to New Hampshire in mid-October of this year.

Fit-up after, Estimated delivery after in-person training at Dealer in December or Later

Cost

Maximum Bond Amount \$472,500

Estimated Tax Rate Adjustment:

- estimates are dependent on bond interest rate of XX% -repaid over 10 years and Grand List of 2026

Average estimated annual tax based upon \$300,000 property assessment = \$XX

Questions?

