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Shakopee Fire Department

Price quote for unit mounted on customer supplied F350 or Cheverolet 3500 4 door long box chassis.

***Water tank and equipment:***

One each booster tank will be furnished with a 200 gallon capacity ,located in forward portion of the cargo box. Booster tank will be fabricated of 12 guage stainless steel and properly baffled(min. of 4 compartments). Tank to be equipped with left front fill stack with hinged cover, removable screen and stainless steel piano hinge.

The total unit to be as wide as possible(64") and L- shaped to fit in forward portion of pick up box with ample clearance for wheel wells. Tank top to be fabricated of stainless steel welded in position, with recessed rear portion to accommodate specified compartment.

A 1-1/2" plugged clean-out drain, located in the right hand rear lower corner tank bottom. Ran out rear of truck body so it is easily accessible.

***Fire Pump and Accessories:***

Hale engine driven portable fire pump complete with 12v electric start and manual rewind (recoil) start, to be furnished and mounted on tank. Pump to be equipped w/ Yammer, 9 HP, I.C. series diesel engine single stage. Pump will be equipped 12v electric priming system, permanent base bolted in position for easy removal. Pumps fuel system will be plumbed into chassis cab's fuel tank, utilizing a 12 volt lift pump.

Pump to be equipped with: one 1-1/2" ball valve gated discharge to the top forward hose bed, one rear 2-1/2" NST female swivel gated plugged suction with inlet and control at hosebed, one ball valve 1" discharge to each booter hose reel, one ball valve gated 2" tank to pump suction 3/8 gated pump cooling/re-circulating line, and pump drain. Akron brass ball valves on all 1" & larger discharges, chrome plated brass NST adapters and chrome plated NST rocker lug plug cap with chain. Rear suction fitting to be equipped with internal suction screen.

Tank to pump suction will be 2" in diameter and will be positioned so as to be within 1/2" from tank bottom.

Flexible high pressure discharge lines to be used between the tank discharge fittings and the fire pump.

Furnish and install a pump panel fabricated of stainless steel. control panel to be mounted top of left side. Pump control panel to be equipped with: Light housing with multiple light elements, R30 x 200 psi 2-1/2" diameter liquid filled pressure guage, remote push button engine start, panel light switch, Innovative Controls tank level guage, push/ pull style cadmium plated control rods for discharge and suction gate valves. Pump volute drain control to be furnished and located on rear face above tailboard.

Reel discharge controls, tank suction controls, pressure guage, pump engine guage, ect., To be identified with permanent color coded engraved nameplates.

#### ***Booster Reels:***

2 electric rewind booster hose reels will be furnished, permanently mounted in rear cargo area to exit out of side of unit. Stainless steel 4- way hose roller assemblies left n right sides of body. Discharge to each hose reel to be equipped with 1" i.d. high pressure hose with reusable fittings. 12v electri rewind with operating push button switches located on side of unit easily accessible from ground level furnished. Each reel to be equipped with 150' of 3/4" fittings. Nozzles, pistol grip spray trigger style, to be furnished. Interior of hose reel compartments will have lights, with switch on pump panel.

#### ***Hose bed:***

Hose bed shall be installed above the forward tool compartment, 26"w x 62" L x 3-1/2" H. Discharge line to hose bed shall have a swivel connection so hose can be pulled out either side. Hose shall be covered with a red vinyl hose bed tarp.

#### ***Compartmentation:***

Forward tool compartment will be fabricated of aluminum treadbrite material, with hinged brushed stainless steel doors.

Rear compartment shall be approximately 40"D x 28" H x 56"W. rear compartment shall be fabricated of smooth aluminum and covered with chevron striping. Door shall have top hinge with gas cylinders to hold in open position. Top flat surfaces will be fabricated of treadbrite aluminum.

Vertical side panels and front compartment doors will be fabricated of brushed stainless steel.

*Warning lights:*

Center console shall be fabricated for maximum usage between seating area.

Switch panel with multiple style switches and nametags describing function of each individual switch. A emergency master switch shall be furnished, complete with heavy duty solenoid designed to allow activation of all emergency lighting circuits with individual switch.

Whelen Liberty II light bar, 54" with rear traffic advisor, model 1G2NSTRBB. Opticom emitter in light bar, model IJ500st.

Whelen M4 series lower level warning lights, 2 grill lights, one red – one blue. Front side lights, bolted to side of brush guard. Rear side lights bolted to truck box.

Rear facing lights bolted to compartment door header, one red – one blue. Total of 8 LED lights model M4 6 red and 2 blue.

Whelen siren model 295SLSA6

2 Whelen speakers mounted behind front bumper model SA315P.

*Miscellaneous Features:*

Battery charger wired to auto eject shoreline plug. Duplex outlet mounted to center console. 110 volt power inverter to supply outlet power when truck is running utilizing a automatic switch.

Brushed stainless steel pick-up box side guards to be furnished and installed. Guards to be fabricated full length of pick – up box sides, contour to provide maximum scuff protection. Scuff to be bolted in position and removable.

Aluminum plate mounted inside chassis cab doors.

Furnish and install front bumper chrome brush guard.

Furnish and install a Warn 12,000 lb winch.

Four 12V LED lights with swivel bases, mounted one in each corner.

Furnish and install four new tires and aluminum rims to match as close to possible your existing brush truck.

Furnish and install lettering and white reflective stripe to match your existing truck

Install rear compartment roll out tray.

Completion date up to 68 days after receipt of chassis.

Price: ***\$59,525.00***

Price quote is good for 120 days from bid open date.

Payment is due upon receipt of finished unit by Shakopee Fire Department.

Accepted by:

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| Name | Title | Date |
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