

STEELE FIRE APPARATUS

Haskell Texas

1-800-687-7639



1/11/11

Proposal For Crutch Ranch VFD

Steele Fire Apparatus appreciates the opportunity to offer this proposal. We are very interested in meeting your needs and requirements for this Large Brush Truck. Below are the specifications we offer in this proposal.

Body

The body of the truck will be a 12' long **custom built** in our plant.

The body will be made of 4" channel with 6" channel for cross runners and 1/8" steel sheets for the top of the truck bed.

The 1/8" sheets will be formed to cover the top of the bed and bent down to form the sides of the bed.

There will be a cross walk behind the cab of the truck 30" wide accessible from both sides with inward swinging gates for fire fighter protection.

There will be a drop cable step under each side and a grab handle on the 2" rail.

A headache rack will be installed at the front of the bed that the inward swinging gates will hinge off of the headache rack.

The top of the bed and the cross walk area will be coated with a spray on bed liner for a non slip surface.

There will be a under body storage compartment 24" wide 6" tall with access from the back with a fold down door.

There will be a 10" tailboard at the rear of the body. This tail board will be supported by 2"x2"x3 1/16" square tubing going around the perimeter and extending back to the frame of the truck.

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There will be a railing from the headache rack to the back of the bed over the top of the compartments.

Skid Plates

There will be ¼” skid plates from the bumper to the axle, and from the axle to behind the transfer case.

There will be complete protection for the fuel tanks and the battery box and air tanks mad of 3/16” metal.

These items will be protected from the front, back, bottom and from under the truck.

All of the guards will be removable for access.

Bumper and grill guard

Bumper will be built similar to the bumper on the Whiteface truck.

There shall be an extended front bumper with a brush guard on the front of the truck approximately 16” from the grill.

The brush guard shall have #3 floor grating covering a 2” tubing frame and shall wraparound the sides of the bumper extending back to the front fenders and shall fold foreword for access to the hood.

There will be a 2” tubing going around the finders going to the steps.

The bumper will be made of 10” channel iron covered with 1/8” plate, and will have a 2” round tubing sized to fit the hood in height for the grill guard covered with #3 floor grating for protection.

This bumper will allow for superior protection from heavy brush.

Two D-rings will be installed for towing.

A compartment will be installed in the front bumper for tow ropes and chains.

Winch

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There will be a 20,000# electric winch installed in the front bumper with 100' of 7/16" cable and a 15' remote control.

Bumper Nozzles

There will be two bumper nozzles installed in the front bumper controlled by switches in the cab.

Compartments

There will be one compartment on the driver's side of the body and one on the passengers' side of the body.

Estimated measurements of the boxes will be 36" tall x 72" long x 18" deep.

These compartments will be made of 1/8" diamond plate aluminum sheets.

There will be two adjustable shelves in each compartment.

These boxes will be electronically welded using the latest in welding technology.

They will be formed of as few of pieces as possible to give the best strength

The doors will be made of 3/16" Diamond plate aluminum sheets.

There will be two Doors for each compartment made of 3/16" aluminum.

They will have Chrome D-Ring slam latches and will fold upward supported by gas shocks.

An automotive type sealer will be used to seal out water and dirt.

There will be a hose bed on top of the drivers side compartment to hold 150' of hose

There will be a hose bed on top of the passengers' side compartment to hold tools.

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Pump

The pump will be a Hale HPX200- BD26 powered by a 26hp Briggs & Stratton diesel motor. The pump will have fuel from the truck tank.

The pump will supply a stainless steel manifold with the following discharges.

- 1-1" to the hose reel
- 1-1 ½" discharge to the rear of the truck
- 1-2 ½" discharge to the rear of the truck
- 1-1 ½" to the cross walk to supply the two 1" x 10' whip lines in the cross walk continuing to the front bumper to supply the bumper nozzles.
- 1-3/8" pump cooler line.

All the valves will be industrial brass quarter turn ball valves made by Boston Metal Products.

There will be a 2 ½" Female connection at the rear of the truck for drafting and this connection will double as a tank fill from a hydrant.

Control Panel

Pump control panel will be mounted at the rear of the truck in the pump area.

The control panel will have a start switch, oil pressure light, Priming valve, Master intake gage, 400psi discharge pressure gage, Electronic throttle and high temp warning light and electronic water level gage

There will be a second remote throttle control and pressure gage in the cross walk behind the cab.

Foam System

A Foam Pro 1601 Foam System will be installed on the truck to allow up to 1% foam to all the discharges.

Water tank

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An 800 gallon tank and 20 gallons of foam made by Plas-Mac will be installed on the truck.

The tank will be made of ½” poly and will be baffled to meet NFPA standards.

The tank will carry a lifetime warranty.

There will be a 10” water fill with vent and over flow on top of the tank

A 10” foam fill will be on top of the foam tank.

Both fill towers will be at the front of the tank in the cross walk area.

One external sight glass installed on the front of the tank.

A 4” tall band will be installed on top of the tank.

Hose Reel

A Hannay hose reel #EF24-30-31 will be mounted above the pump with 150’ of 1” booster hose.

Electrical

There will be a Code 3 (21TR) LED light bar installed on the truck along with twelve Nova Warning lights around the body.

A Carson SA400 Siren with a 100 watt speaker shall be installed.

Four work lights will be mounted on the truck with two on the headache facing outward, and two over the pump at the rear of the truck.

Two Spot lights will be mounted on the headache rack facing foreword of night time use.

We will supply and mount one Motorola XTL 1500 radio and antenna.

All DOT required lighting will be installed with backup lights.

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A Custom Built console will be installed in the cab of the truck for the electronics to mount in needs to hold two radios and remote water level gage.

A Kussmaul auto charge 1000 with super auto eject installed on the truck. 20 amp connection.

Equipment

There will be two 2 ½" x 10' long suction hoses for drafting with NH threads.

Three TFT DQS40P Nozzles will be installed on the whip lines and the hose reel.

A TFT foam attachment # FJ-MX-DQ will be on the truck.

Three 50' joints of 1 ½" double jacketed hose will be on the truck.

A 10# ABC extinguisher will be installed on the truck

A Light box flashlight mounted in the cab of the truck

Striping/Lettering

Chevron striping will be on the rear of the truck above the tail board.

A 4" **Black** reflective stripe will be installed on the sides of the body.

Door signs shall be installed on the doors of the truck designed by the department.

Paint

The body and all other components will be primed and painted to match the cab and chassis.

The paint will be made by PPG and will be single stage paint.

Delivery

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Delivery will be made approximately 120 days after receipt of the tank and equipment in our shop.

Terms of payment are **NET ON DELIVERY**, unless otherwise stated.

Due to the daily rise of cost in materials this proposal shall expire unless accepted within 25 days after the date set above. This expiration date may be extended, in writing, at the discretion of Steele Fire Apparatus.

STEELE FIRE APPARATUS

By: _____

Bill Steele

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Signatures: Bill Steele

Fire Chief or authorized Representative:

Bill Steele or authorized Representative:

Bill Steele