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2RED, WHITE & BLUE FIRE PROTECTION DISTRICT TYPE 6

The cab and chassis will be as follows:

Ford F-550 XLT 4x4, white, diesel, automatic transmission, 40/20/40 seat configuration in front and back, GPS, Satellite Radio, electric locks and windows, AC, electric locking rear axle, AC inverter, block heater, high Idle with parking brake, load manager system, skid plates, heavy duty suspension, single high output alternator, full size spare, painted steel wheels, 80mph speed limiter and appropriate rear end, tow package, engine brake, single pane rear window, extra fuel tank or largest tank, back up camera, blind spot monitoring, back up alarm, power mirror with spot light, operator command regen inhibitor.

Paint chassis to Sikkens specific paint color to match Red, White and Blue's Fleet - Includes full cab, inside of door jams and hood. De-badge the truck, possible SVI emblem over the ford blue oval in grill.

Buck Stop Bumper with grill guard like existing RWB Type 6's w/ 20" rigid light bar between two uprights.

Warn 16.5 winch with a minimum of 100' of rope cable.

LED fog lights in bumper actuated with factory fog light switch.

Center console with siren driver, traffic advisor, BK radio and tank indication mounted in front; maps holder, lockable box and cup holder in driver's side rear corner; 4 USB's with 2.5amp, 2 cigarette lighter style power source and 2 cup holders in front (all cup holders are 4.5" id square boxes). Center console will only be between front seats allowing room for customer supplied cooler to be mounted between the seats in the rear. Console will include arm rests. Change back to cooler on passenger side & lengthwise if possible so that the lid opens away from door.

Trailer Hitch and wiring, hitch to be kept as high as possible. Step below hitch step and step on the inside of the right rear box.

Tires - 225/75R/19.5 off road capable (or suggested other size options) **225/70R/19.5.**

On board air compressor with tank mounted in protected area with 25' coiled hose. Connection for air will be mid ship. Compressor will have enough capacity to fill the tires



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on the apparatus to 100PSI. Compressor and hose to be mounted in driver's hose compartment with tank under chassis and a manual bleed vlv.

Plymo vent magnet style hook up to RWB system. Terminate 2" in board of outer tire.

Side windows will be tinted within legal limits.

Cab electrical will be as follows:

Antenna for BK radio mounted on top of cab.

Kussmaul charging system mounted on driver's side with charge indicator. Charger in compressor box with indicator between cab and flat bed.

Custom tool channels for one ea. Tool on driver's side and two ea. tools on passenger side in front of headache rack. Mount vertically with pockets at the bottom that are attached to the storage box on passenger side and bottom of flatbed on driver's side.

Back up alarm with manual shut off in cab, the alarm will default back to "on" at next start up.

Cabinets and flatbed will be as follows:

Highway Products 24" deep boxes in custom configuration in a Mill Style Finish - see drawing, manufacture will detail their specific cabinet orientation. The style of cabinets will match the existing RWB Type 6's (Diamond plate and sloped upper cabinets to fit behind the headache rack). On top of the side cabinets there will be an open cage about 8" in depth to match the height of the clam shell. These cages will be constructed of a smooth aluminum Highway Products style circle extrusion.

Highway Products flat bed with headache rack.

Built in backup camera.

Double wheel chocks behind driver's rear wheels if possible – either side okay.

Bed will have suction hose storage built into it with access through the rear.

C & S 3/4"-1 1/2" manual hose roller and mount mounted to appropriate location on bed.
This will be accomplished by buyer.



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1 ½" discharger on right side of front bumper facing directly out with NH threads with cap. Valve control on pump panel.

Flatbed will be ordered with smooth aluminum back panel to allow Chevron application.

Storage cages for 2 Mark 3 Jerry fuel cans These storage cages shall be rated to walk on and Place cans in a locations that works best.

All cabinet doors that open down will have a cable stopping them at 90 degrees

The cabinets under the hose reels will have (2) full length and width drawers

A belly box will be mounted (one) on each side of the truck in front of the rear dually (as wide/deep as possible), they will be keyed the same as the upper boxes. Both will be vented. The passenger side will be used for storage of fluids and the driver side will accommodate the spare tire. Box for spare is okay to be open but must have a bar or metal strap across opening to facilitate a lock. Must not stick out past side of flat bed.

The spare tire will be in a cabinet in front of the S/S rear wheels.

DEF fill cap - Move to passenger side inset inside of headache rack.

Tint front windows to match rear windows.

The pump will be as follows:

Poly Tank 300 gallon with a 10-gallon foam cell built in

Scotty Foam System

Primer System

Stainless Steel Plumbing and manifolds

Akron Ball Valves

Two Hose Reels

Drivers side - Plumbed with 150' of 1" rubber jacket hard hose with NPSH threads (3- 50' sections) - Rollers at the bottom.

Officers side - Not plumbed with 500' of white 1.5" single jacket wildland hose.

Unleaded fuel pump; Vanguard 18HP V Twin Waterous Pump G2015

Plumbing will be kept to one side and covered to allow access to clamshell.

Intakes and discharges: 2 - 1 1/2" discharges on rear, one hose reel plumbed, one 3/4" line off rear and one 1 1/2" discharge on the front of the head rack on passenger side. 1 - 2 1/2" intake. All 1 1/2" and 3/4" threads will be NH threads.



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2- 8' x 1 1/2" NH suction hose

Low point drains for winterizing on pump and plumbing

Oil drain for pump under bed or at rear to avoid oil on the flat bed

Brushed aluminum pump panel with intake and discharge gauges, water and foam level indicators, valves, throttle knob, hour meter and LED light.

Water level indicators mounted in channel of headache rack on both driver and passenger side

Whenever possible and including any long runs, flexible rubber high pressure hose will be used for plumbing. At minimum, a flexible section will be put between pump and tank, hose reel and pump manifold and front discharge and manifold.

Expanded metal, easily removable "cover" will be built on top of pump and rear storage area to allow for additional storage and protection to pump, refer to buyer provided diagram for concept. Pump exhaust pipe will be routed to avoid burning anything. Install shield is necessary and extend up above reel with a flapper.

Warning, compartment and scene lighting will be as follows:

A Whelen Freedom 4 55" LED Lightbar F4W2BRBR RED/BLUE, LED take downs lights, LED, alley lights, GTT Opticom Emitter 795H, Vehicle Mount Kit, Clear Lens (RWBFPD to finalize light head colors at pre-build)

Grille: (2) Ion Super Series LED - 1 red and 1 Blue

Bumper: Whelen Siren Speaker

Ion Super Series LED - 1 red and 1 blue placed on the outside of the bumper
SA315P 100-Watt Siren Speaker, Poly, BLACK

Vehicle Sides:

Above each wheel alternate lens color red and blue on each side.

(2) Front M4V2RC Whelen M4 V-Series, RED w/ CLEAR Lens

(2) Rear M6V2BC Whelen M6 V-Series, BLUE w/ CLEAR Lens

Vehicle Rear:

TANF85RB Whelen 500 Series Front Load, Traffic Advisor, 8-Head, w/ RED/BLUE End Flashers. End flashers wired to operate off the Cen-Com Sapphire and independent from the Traffic Advisor heads. Traffic Advisor to plug directly into the T/A port on the Cen-Com Sapphire.

Two Whelen M6V2*C Lights to be mounted in the rear rub rail, centered accordingly.



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M6V2RC Whelen M6 V-Series, RED w/ CLEAR Lens
M6V2BC Whelen M6 V-Series, BLUE w/ CLEAR Lens

Scene lights:

(2) MPPBBS Whelen Pioneer Micro Swivel (Reference provided image for mounting location) Switches to be located in cab on auxiliary switches 5 & 6 so that they are battery power.

Pump Panel:

PELCC Whelen LED Angle Area Light
Hour meter on pump panel

Compartment light:

(12) PSC0CDRC Whelen LED Strip Light, Compartment Light (Add additional lights as per manufacture to light each compartment appropriately i.e. Large boxes with more lighting.)
(2) PELCC Whelen LED Angle Area Light (At an angle at the farthest outward point to illuminate the drawer at its most outward position located in the smaller drawer compartments at the rear.)

Puddle Light:

(2) PELCC Whelen LED Angle Area Light (Front facing the cab on the lower side of the flat bed a light to illuminate the ground below the passenger cab door (2) one on each side.)

Ground lights:

All step and ground lights shall illuminate when vehicle is placed in park.

Graphics will be as follows:

Striping color to match RWB's.

Rear hazard marking chevron style 3M high vis to match other RWB vehicles.

Department decal to match existing.

Reflective "CO-RWBX" to be included on bumper(white) and rear rub rail (black).

24" 619 put on top of cab.

Black reflective "Fire" sticker in rub rail on both sides and rear of bed.