



Shop Order

Safetek Emergency Vehicles Ltd  
 30686-A Matsqui Place  
 Abbotsford, ON V2T 6L4

The Township of Uxbridge  
 51 Toronto Street South  
 Uxbridge, ON L9P 1T1

<b>Sales Rep:</b> Greg Rivers Safetek Emergency Vehicles Ltd	<b>Terms:</b> Chassis Net 10 days, Body and Equipment 90% COD, 10% Holdback at acceptance
<b>Drawing #:</b> FT-11578	
<b>Est. Delivery Date:</b> / /	
<b>Customer PO #:</b> 003285	<b>Penalty:</b>
<b>Customer #:</b> 1650	None
<b>QPF #:</b>	

**Exp. Date:** 06/09/2022  
**Quote No:** G-Uxbridge-0021  
**Job/Order No:** 22694  
**BODY:** 00-10-31                      Metalfab Tanker - ULC 05/13

11/12/2024

PART NO	QTY	DESCRIPTION
<b>== Metalfab Tanker - ULC 05/13 - 0.000 ==</b>		
<b>CHANGE ORDER I</b>		
<b>00-05-0060</b>	<b>1</b>	<b>Dealer - Safetek</b>
<b>00-10-1020</b>	<b>1</b>	<b>Metalfab Tanker</b>
00-20-1000	1	Company Profile
00-20-1500	1	Standard Body Warranty
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
<b>00-20-1700</b>	<b>1</b>	<b>Hale Pump Warranty - 5 years</b>
00-20-1800	1	Polypropylene Tank Lifetime Warranty
<b>00-20-2000</b>	<b>1</b>	<b>Plant Visits - unlimited at customer expense</b>
		Expected inspections:
		Final Chassis
		Pre-paint
		Final
<b>00-20-3000</b>	<b>1</b>	<b>No Bonding Requested</b>
00-20-3500	1	Certification for Fusion Welding of Steel and Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2015
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
<b>GENERAL INFORMATION</b>		
10-11-0000	1	Intent
<b>10-11-0110</b>	<b>1</b>	<b>Vehicle data recorder included with chassis</b>
		VDR display to be supplied by Chassis OEM
<b>10-11-1101</b>	<b>1</b>	<b>ULC S515-13 and NFPA 1901-2016 Compliance</b>

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>10-11-1800</b>	<b>1</b>	<b>ULC Testing - Tanker - Metric units of measure</b> Test will be in Litres Per Minute as requested at the pre-construction meeting. Advised by Greg Rivers by e-mail on 10.25.2022
10-11-2100	1	Maximum length not specified
<b>10-11-2200</b>	<b>1</b>	<b>Maximum height 138"</b>
10-11-2300	1	Overall length is less than 30'
<b>10-11-23AA</b>	<b>1</b>	<b>Overall width - 120"</b> Body is 101-1/2" rub rail to rub rail - mirrors width as supplied by chassis OEM
10-11-2500	1	General Construction
<b>10-11-2600</b>	<b>1</b>	<b>Preconstruction Meeting by Safetek</b>
10-11-3000	1	Manuals - two copies ***Two copies of chassis manuals are required.
<b>10-11-3600</b>	<b>1</b>	<b>Delivery - FOB Fire Department - by Safetek</b>
<b>10-11-4000</b>	<b>1</b>	<b>Payment Terms - Chassis Net 10 days, Balance COD with 10% holdback</b>
<b>10-20-1400</b>	<b>1</b>	<b>Hose capacity exceeding ULC/NFPA requirements - Additional weight: 1254 lbs</b> Hose bed will carry: 800' of 2-1/2" 800' of 4" Hose load will exceed the 90% GVWR at loaded weight of 41,208lbs for 44,000lbs GVWR which was accepted at the pre-construction meeting. Advised by Greg Rivers by e-mail on 10.25.2022
<b>10-20-2200</b>	<b>1</b>	<b>Equipment carrying capacity - standard ULC Tanker - 1000 lbs</b> *** Load requested to be 90% of GVW max GVWR weight. This requirement was waived at the pre-construction meeting as advised by Greg Rivers by e-mail on 10.25.2022
<b>CHASSIS INFORMATION</b>		
<b>20-11-1050</b>	<b>1</b>	<b>Chassis supplied by Metalfab - International 2023 HV607, 2-door chassis</b> 14,000lb front, 30,000lb rear, 44,000lbs GVWR Wheelbase 224", 156.9" CA Cummins L9 300hp @ 2200 RPM, 860 lb-ft @ 1200 RPM, 2200 Governed speed Allison 3000 EVS, 5-speed Jacob brake with On/Off switch and selector switch. Tail lights to be activated with application to meet NFPA Meritor 1710 Driveline Vertical exhaust with max height of 11'-6" Paint sample required for approval: 2511 Red DK approved April 19-24 9219 Winter White approved April 19-24 Paint line to be approved April 22, 2024 - Metalfab will paint as the International two tone paint line is not available in this configuration Requires 5/8" gold stripe over 7/8" black stripe over paint line Bostrom seats ordered with chassis Discuss at pre-construction meeting: The rear XDN2 tire thread is not available.
<b>20-11-10AA</b>	<b>1</b>	<b>Chassis Dealer - Richwil Truck Centre</b>
<b>20-11-11AA</b>	<b>1</b>	<b>Bostrom Zip clean seat covers</b> Zip clean seat covers to be supplied and installed by Metalfab before delivery

PART NO	QTY	DESCRIPTION
20-11-1500	1	2013 Emission chassis modifications
20-11-1710	1	<b>Chassis Motor Vehicle Inspection by Safetek</b>
20-21-0500	1	<b>Fluid capacity plate</b>
20-21-0600	1	<b>Pumping test plate</b>
20-21-1000	1	<b>Maximum riders sign - 2 persons</b>
20-21-1500	1	<b>Seat belt warning labels - 2 door chassis</b>
20-21-1520	1	<b>Helmet warning label - do not wear helmet</b>
20-21-1560	1	<b>LED Tire Pressure Indicators - Single Axle</b>
20-21-1600	1	<b>Apparatus Information Label</b> An information label is provided in the chassis cab, visible to the driver, stating: "When manufactured, this vehicle was: ** m high ** m long ** kg GVW Changes in height since the apparatus was manufactured shall be noted on this plate by the Fire Department"
20-21-2000	1	Non removable key
20-21-2500	1	Shifter lock not required
20-21-3500	1	Rear step warning label
20-21-3800	1	<b>Front mudflaps - black</b>
20-21-4001	1	<b>Rear mudflaps - black, no logo</b>
20-21-45AA	1	<b>Transportation Safety Kit</b> Basic First Aid Kit Safety Triangle with chassis 5 pound Fire Extinguisher To be shipped loose unless otherwise specified
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only
20-31-0500	1	<b>Alum tread fuel tank trim, Conv - 2 door</b> Vertical trim only, OEM cab steps remain
20-31-1900	1	<b>Chassis cab painted 2-tone by Metalfab</b> Changed to chassis two tone by Metalfab as the desired paint line is not available from International
20-31-7500	1	<b>Custom Console in cab</b> Mounting provisions: Two (2) sirens - 50-11-1460 and 50-11-1492 Storage area with hinged cover, dividers and lift and turn latch provided at rear of console along with flat surface for loose equipment mounting. Buffed aluminum finish with powder coated flat black plates to allow customer installed radios Match customer's existing layout where possible. See reference pictures saved at F:projects, ON Approval required prior to build: _____
20-41-0600	1	<b>Intake air shutoff for engine not requested</b>
20-41-0900	1	<b>Auxiliary braking system disabled when pumping</b>
20-41-1140	1	<b>Transmission programming - Allison WT - PTO Pump</b>
20-41-1700	1	<b>Special clearance for vertical exhaust pipe</b>
20-41-1800	1	<b>Battery boost terminals required</b> Battery boost terminals to be in the chassis step area near the DEF tank to match customer's current unit. Reference pictures saved at F:projects, ON. As advised by

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
		Greg Rivers by e-mail on 10.25.2022
20-41-2000	1	Chassis batteries remain in OEM location
20-41-2510	1	Fuel fill at step fuel tank under cab
20-41-2600	1	Chassis fuel tank remains in OEM location
<b>20-41-5000</b>	<b>1</b>	<b>Rear Tow Hooks - under body</b> *** Flat bar tow hooks under rear step (2) Confirmed per email from Greg Aug 16-23
<b>20-51-0700</b>	<b>1</b>	<b>Master Battery Disconnect included with chassis</b>
<b>20-51-2500</b>	<b>1</b>	<b>Back up alarm included with chassis</b>
<b>20-51-3100</b>	<b>1</b>	<b>Air inlet not requested</b>
20-51-3400	1	Protection valve installed for air operated accessories
<b>20-51-5610</b>	<b>1</b>	<b>Flashing headlights provided with chassis - controlled by Diamond Logic</b> The flashing headlights to only be active when Emergency lights are active. As requested by Greg Rivers by e-mail on 11.01.2022 Flashing headlights will be controlled from a chassis switch on the cab dash, they are programmed in Diamond Logic and cannot be controlled through the VISTA.
<b>20-51-62AA</b>	<b>3</b>	<b>120 volt 20 A shore line connection in chassis cab</b> Two 5-20R duple receptacles in chassis cab, not fused. To be 12" from the floor to meet ULC and mounted on the back wall of the cab. One for the battery conditioner and air compressor (20-51-6615) to plug into. Second plug to be for Sho-Me lights (80-99-15AA) to plug into. Third plug to be provided in R1 for customer use - high and at the back, towards the front of the body
<b>20-51-6615</b>	<b>1</b>	<b>Kussmaul Pump Plus 1200 conditioner/compressor</b> Battery conditioner mounted behind the console (20-31-7500) area Auto Eject located in the left side chassis step area and display in the chassis cab as listed in 70-21-5500. Kussmaul Auto Pump 120 V compressor with 20A twistlock cord connector Install in chassis cab where room permits
<b>20-51-7100</b>	<b>1</b>	<b>Electric System Manager with VMUX</b>
<b>20-51-7500</b>	<b>1</b>	<b>Super Auto eject for 120 v - 20 A with sealed enclosure</b> To be installed in chassis step and be 24" minimum from the ground to meet ULC Cover to be yellow as requested by Greg Rivers by e-mail on 10.25.2022
<b>20-51-85AA</b>	<b>2</b>	<b>Engine compartment lights - 4" round LED</b> To be switched on VISTA in cab
<b>20-51-90AA</b>	<b>1</b>	<b>Air horns on hood, shut off valve included</b> Air horns will be mounted on the chassis hood. These are controlled by the steering wheel horn button and a button on the chassis dash. An isolation valve (quarter turn ball valve) is installed in the air line inside the chassis cab under the dash. A switch is provided on the dash to allow switching the air horn on and off - the electric horn will sound regardless of the switch position. Stock lanyard from International to remain. As requested by Greg Rivers by e-mail on 10.25.2022
<b>20-52-0010</b>	<b>1</b>	<b>Air horn control/actuation on pump operators panel</b> Red Tag to read "Air Horn" unless otherwise specified Fire department approved standard Metalfab push button actuator style and

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
		requested it to be red if available by the supplier. As discussed with Greg Rivers at the pre-construction meeting.
<b>20-52-1010</b>	<b>1</b>	<b>Federal LED Littlite gooseneck map light (ea)</b> Light to have red and white setting. To be mounted on the officer side of the dash
20-52-3000	1	Chassis steering wheel lined up by others
<b>20-52-3600</b>	<b>1</b>	<b>SKF automatic greasing system</b> The greaser will be installed behind an access panel at the LS pump panel if possible, final location to be determined by the greasing system installer with feedback from engineering.
<b>20-52-40AA</b>	<b>1</b>	<b>Rear camera wired to VISTA display in cab</b>
20-60-0400	1	Chassis wheelbase does not change
<b>PUMP AND PLUMBING</b>		
<b>30-11-3012</b>	<b>1</b>	<b>Hale RSD-J PTO driven pump - 1050 IGPM / 5000 LPM</b> ULC test plate to read 5000 LPM as requested by Greg Rivers by e-mail on 10.25.2022
<b>30-15-0304</b>	<b>1</b>	<b>Plumbing - non manifold pump SM SS</b>
30-20-0500	1	Valves and controls - side mount panel
<b>30-20-1002</b>	<b>1</b>	<b>Akron valves specified</b>
<b>30-20-10AA</b>	<b>1</b>	<b>Innovative Controls Lift to drain bleeders</b> The drains will be from Innovative controls and will be lift to drain bleeders. As requested by Greg Rivers by e-mail on 10.25.2022
<b>30-20-1610</b>	<b>1</b>	<b>Piping stainless steel - non manifold Tanker</b>
<b>30-20-1700</b>	<b>1</b>	<b>1-1/2" thread specifications NPSH</b>
<b>30-20-1800</b>	<b>1</b>	<b>2-1/2" thread specifications CSA</b>
<b>30-20-2000</b>	<b>1</b>	<b>Piping hydrostatic test</b>
<b>30-20-2510</b>	<b>2</b>	<b>Anodes in suction and discharge piping - non manifold pump</b> Install one anode on discharge side of pump, one anode on suction side of pump - do not use teflon tape or thread sealant. Paint flange silver and mask brass anode before painting for visibility. Two (2) anodes on discharge and two (2) anodes on intake
<b>30-21-5580</b>	<b>1</b>	<b>Tank to Pump SS 3" w/ check valve non manifold pump</b>
<b>30-22-0520</b>	<b>1</b>	<b>Tank Fill valve 2" SS</b>
<b>30-31-4020</b>	<b>1</b>	<b>Suction - 6" each side SS non manifold pump 6" header</b>
<b>30-31-7200</b>	<b>2</b>	<b>Hale master intake suction valve - electric control</b> *** Suction to be gated are left and right Both controllers to be on the left side panel and a manual over ride control beside each suction
<b>30-32-7550</b>	<b>1</b>	<b>Suction - 2-1/2" left side SS, bleeder, non manifold pump</b>
<b>30-32-8050</b>	<b>1</b>	<b>Suction - 2-1/2" right side SS, bleeder, non manifold pump</b>
<b>30-40-20AA</b>	<b>1</b>	<b>4" right discharge, plumbed 3", handwheel control, bleeder, 4" Storz cap</b> Handwheel control to have a open/close indicator display included
<b>30-41-2040</b>	<b>1</b>	<b>2-1/2" RS discharge SS, bleeder, non manifold pump</b>
<b>30-41-2540</b>	<b>1</b>	<b>2-1/2" LS discharge SS, bleeder, non manifold pump</b>
<b>30-44-0520</b>	<b>2</b>	<b>1-1/2" crosslay (each) SS, 2" valve, bleeder</b> To carry 300' of 1-1/2" hose Includes an Auto Drain

PART NO	QTY	DESCRIPTION
		Location forward most next to cab and middle position above pump Confirmed per email from Greg Aug 16-23
30-44-3520	1	<b>2-1/2" crosslay SS, plumbed 2-1/2", bleeder</b> To carry 200' of 2-1/2" hose Includes an Auto Drain Location rearward Confirmed by email from Greg Aug 16-23
30-51-0400	1	<b>Pump shift - PTO Stationary only</b> ***Includes "Pump Engaged" indicator lights on chassis instrument panel and on the pump panel ***Includes "Throttle Ready" indicator light on Pump operating panel Includes indicator light showing "OK TO PUMP" when transmission is in neutral, park brake is set, and PTO control energized. The remote electronic throttle will be energized in this mode.
30-51-1500	1	<b>Power shift PTO - Automatic transmission - left side</b>
30-51-1501	1	<b>PTO driveshaft</b>
30-51-6640	1	<b>Class One "TPG Plus" Governor/Throttle - Metric</b> Pressure setting to be KPa
30-51-7003	2	<b>Suction side relief V/V, non manifold pump</b>
30-51-7720	1	<b>Additional air tank for air primer system</b> An additional air tank is provided to improve air primer capacity
30-51-77AA	1	<b>Trident Air Primer 3 barrel 3 location with 4 controls</b> Locations: Main Pump L/S pre-prime R/S pre-prime - one (1) control on the L/S and one (1) control on the R/S panel - to be plumbed in parallel - Engineering to confirm this with Trident at time of order.
30-51-8100	1	<b>Heat exchanger included with chassis</b>
30-51-8500	1	<b>Pump cooler with control valve, check valve</b>
30-51-9100	1	<b>Thermal Relief Valve with warning light</b>
30-52-1000	1	Master drain V/V, 12 port
30-52-3001	1	Foam system not requested
<b>WATER AND FOAM TANKS</b>		
40-11-2100	1	Polypropylene water tank (Imperial gallons)
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-6500	1	<b>Tank capacity 1500 Imperial Gallons/1800 USG</b>
40-21-1000	1	<b>4" tank to pump connection</b>
40-22-0500	1	<b>2" tank fill connection</b>
40-23-0500	1	<b>3/4" water level gauge connection</b>
40-23-1050	1	<b>4" Fireman's Friend connection</b>
40-23-1060	1	<b>10" Newton dump connection</b>
40-30-05AA	1	<b>Sump drain valve (3" gate valve) with linkage</b> *** Connection after the valve to be 1.5" NPSH to allow a hose to be connected
40-30-1200	1	<b>Water Fill Box special location</b> The fill tower will be at the front right side as requested by Greg Rivers by e-mail on 10.25.2022

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
40-31-3500	1	10" rear Newton dump, stainless steel
40-31-4710	1	Newton dump, top mount manual operation, SS
40-31-5500	1	Electric operator for Newton dump, top mount There will be a switch on either side at the rear of the body and control on VISTA There will be manual override handle shipped loose There will be a manual lock to lock the dump valve in the closed position
40-31-5610	1	Rotating dump chute for Newton dump SS with telechute
40-31-5800	1	Support for rotating dump chute if necessary Engineering to determine if this support is required
40-31-90AA	1	4" Storz rear fill, Fireman's Friend Drain control to be a 1/4 turn handle
<b>ELECTRICAL</b>		
50-11-0300	1	Base electrical system - Weldon Multiplex
50-11-0600	1	Warning Light Certification
50-11-0700	1	Low Voltage Electrical system test
50-11-0800	1	Low Voltage Electrical System Documents As required by ULC and NFPA standards
50-11-09AA	1	VISTA display in place of rocker switch panel VISTA display to include: Emergency lights by zone (see below to match customer's current lighting) Left Scene Rear Scene Right Scene Hi-Idle Control for dump valve Engine Compartment Lights  Flashing headlights will be controlled from a chassis switch on the cab dash, they are programmed in Diamond Logic and cannot be controlled through the VISTA.  Zone lighting from the tender document: Light Bar Front Warning Lights Side Warning Lights Rear Warning Lights  Left and Right Scene light control will also operate the respective alley light in the light bar
50-11-1460	1	Federal EQ2B 200 watt siren To be mounted in console 20-31-7500
50-11-1470	1	Whelen 295SLSC1 100 Watt / 200 Watt siren - with removable microphone Siren will have removable mic as requested by Greg Rivers by e-mail on 10.25.2022
50-11-1631	1	Siren speaker, 200 watt for EQ2B, in front bumper
50-11-1632	2	Siren speaker, 100 watt, behind front chassis grille - Whelen SA315A Siren speaker will change to match pictures sent by Greg Rivers on 10.25.2022 and will be mounted behind the bumper Picture is in Basecamp

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50-11-2600	1	<b>Siren to be accessible to driver and officer</b>
50-11-50AA	1	<b>Whelen F4N2VLED light bar with Opticom and Alley Lights</b> <b>*** Discussed at pre-construction meeting:</b> <b>WECAD approved by Greg Rivers by e-mail on 10.25.2022</b> <b>Opticom to operate when E-Master switch is on and Park Brake is released, no other switch necessary.</b> <b>Alley lights will illuminate when the scene lights for the respective side is activated</b> <b>White warning lights in light bar will cancel when the park brake is applied, no separate switch necessary.</b>
50-11-6610	1	<b>Rear LED Traffic Advisor TAL-85 warning lights - flush mount</b> <b>TACTL5 controller to be installed above driver seat</b>
50-11-8670	1	<b>Rear LED beacons (pr) - Whelen L31HRFN red and L31HBFN blue</b> <b>*** Discussed at pre-construction meeting:</b> <b>Mounting location:</b> <b>Red: Right side</b> <b>Blue: Left side</b> <b>As advised by Greg Rivers by e-mail on 10.25.2022</b>
50-12-5062	1	<b>Front LED Flashers - Whelen M6 (pr) - Red and Blue</b> <b>*** Discussed at Pre-Construction meeting</b> <b>Location of flasher:</b> <b>Red: Left side</b> <b>Blue: Right side</b> <b>As advised by Greg Rivers by e-mail on 10.25.2022</b> <b>Changed to an M6 light as the C6 light is no longer available.</b>
50-12-5270	2	<b>Front side LED flashers - Whelen M6 (pr) - Red</b> <b>**** Discussed at Pre-Construction meeting:</b> <b>Both flashers to be installed on side of hood. As advised by Greg Rivers by e-mail on 10.25.2022</b> <b>Changed to an M6 light as the C6 light is no longer available.</b>
50-12-88AA	2	<b>Body Side LED flashers - Whelen C6 (pr) - Red and Blue</b> <b>*** Discussed at the pre-construction meeting:</b> <b>Location of the Red flasher: Rearward in rear fenderwell</b> <b>Location of the Blue flasher: Forward in rear fenderwell</b> <b>As advised by Greg Rivers by e-mail on 10.25.2022</b> <b>Changed to an M6 light as the C6 light is no longer available.</b>
50-21-11AA	1	<b>Hand Held spotlight in cab</b> <b>Optronics Model KB-4003 and to be mounted near the officer seating position</b> <b>Metalfab part # 1521071</b> <b>*** Discussed at pre-construction meeting:</b> <b>To be plugged in 12-volt outlet.</b> <b>As advised by Greg Rivers by e-mail on 10.25.2022</b>
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5600	1	<b>Door Ajar warning light with buzzer</b> <b>Bilingual Warning label in cab to read:</b> <b>"Do Not Move Apparatus when Light is on"</b> <b>A dash mounted warning Light is installed to indicate when a compartment or chassis door is open, and when the hose bed covers are deployed. An audible</b>

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		alarm is also provided. This is in addition to the warning indicators on the VISTA display.
		Add an additional red flashing light in the overhead centre dash to illuminate with door ajar/do not move apparatus warning.
		Add an additional green light in the overhead centre dash to illuminate when the pump is engaged.
		Include a plate and appropriate labels for these lights.
50-21-8001	1	<b>Step lights for body steps - 4" LED</b> Lights to be activated with the application of the park brake
50-21-8200	1	<b>Step lights for chassis steps - LED</b> Lights to be activated with the application of the park brake
50-21-8510	1	<b>Rear clearance lights on rubber arms (pr) - LED</b>
50-21-8600	1	LED clearance lts and reflectors
50-21-8605	1	<b>Polished aluminum license plate holder on rear of body, with LED light</b>
50-22-0720	1	<b>Whelen 64 LED CAST 4V tail/brake-turn-backup-warning module (pr)</b> There will be a red flasher on the bottom left side and a blue flasher on the bottom right side. As requested by Greg Rivers by e-mail on 10.25.2022
50-22-07AA	1	<b>High brake light - C7 - Red</b> There will be an additional C7 Red brake light mounted high on the rear of the body
50-22-08AA	1	<b>Side C7 Amber turn signal in the rear fender well (pr)</b>
50-31-6011	1	<b>Scene light boxes not requested</b>
50-31-6012	1	<b>Scene lights (pr) - Whelen M6ZC LED - left side</b> Light to be controlled from the VISTA in the chassis cab Light can be managed as required by ULC The rearward scene light will also activate with the reverse of the transmission. As requested by Greg Rivers by e-mail on 10.25.2022
50-31-6013	1	<b>Scene lights (pr) - Whelen M6ZC LED - rear facing</b> Light to be controlled from the VISTA in the chassis cab and interlocked with the reverse of the transmission Light can not be managed as they are used to illuminate the rear area as required by ULC
50-31-6014	1	<b>Scene lights (pr) - Whelen M6ZC LED - right side</b> Light to be controlled from the VISTA in the chassis cab Light can be managed as required by ULC The rearward scene light will also activate with the reverse of the transmission. As requested by Greg Rivers by e-mail on 10.25.2022
50-31-6550	1	<b>Ground lighting (LED Lumabar) - 2 door chassis</b> Lights to be activated with the application of the park brake
50-31-6570	1	<b>Ground lighting (LED Lumabar) - side mount body</b> Lights to be activated with the application of the park brake
50-31-65AA	1	<b>Hose bed cover lights</b> There will be lights mounted under the hose bed cover (60-33-5000). They will be switched with the door ajar switch so that the light is on only when the covers are open as requested by Greg Rivers by e-mail on 10.25.2022

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>50-31-70AA</b>	<b>1</b>	<b>Lumabar over each folding step on rear of body</b> The rear folding steps (60-31-55AA) will have a 12" Lumabar installed over each step. Lights will be activated with the application of the park brake. As requested by Greg Rivers by e-mail on 11.01.2022
<b>50-35-0510</b>	<b>2</b>	<b>Provision for customer radio installed by customer</b> Power Wiring will include 20-amp fuse protection switched with Master and ignition wire with 5-amp fuse. Wire ends to be heat shrunk and coiled with 10' of wire in the console 20-31-7500
		<b>BODY</b>
<b>60-10-1400</b>	<b>1</b>	<b>Single axle extruded aluminum body</b> There will be deck plate under the dump valve The fender tops to be non-slip as per Metalfab standard
<b>60-10-14AA</b>	<b>4</b>	<b>Compartment modifications</b> Additional floor compartment reinforcements (two lengths of formed aluminum channel the entire length of the compartments equally spaced) and duckbill drains are provided.
<b>60-10-15AA</b>	<b>1</b>	<b>Raised sweep out floor for compartments</b>
60-10-4100	1	No "beavertail" rear step supports
60-10-4600	1	Painted fender surround
<b>60-10-4750</b>	<b>1</b>	<b>Removable polished aluminum fender trim - single axle - 3 piece design</b>
<b>60-10-5430</b>	<b>1</b>	<b>Diamondback 19" rear step</b> Rear corners to be angled
<b>60-10-6500</b>	<b>1</b>	<b>Bolt on extruded aluminum rub rail with white reflective stripe</b>
60-11-0100	1	Front left side compartment to top of wheel well
<b>60-11-0500</b>	<b>1</b>	<b>Front right side compartment to top of wheel well</b> There will be a 30" wide tray on the left side of the compartment to house a customer supplied CET PFP-30HP-KHL-2D portable pump Discussed at pre-construction meeting: Dimensions - 24" high x 22" deep x 27" wide As advised by Greg Rivers by e-mail on 10.25.2022
60-11-0800	1	Rear left side compartment to top of wheel well
60-11-1100	1	Rear right side compartment to top of wheel well
<b>60-11-3100</b>	<b>1</b>	<b>No rear compartment</b>
<b>60-11-5500</b>	<b>4</b>	<b>Rollup door - standard height</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point ***** Rollup doors will be ordered without the hand hold cutout - Engineering confirmed with Amdor on 11.01.2022 that this is possible As requested by Greg Rivers by e-mail on 11.01.2022
<b>60-11-5540</b>	<b>2</b>	<b>Rollup door - to enclose pump panel</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point ***** Rollup doors will be ordered without the hand hold cutout - Engineering confirmed with Amdor on 11.01.2022 that this is possible As requested by Greg Rivers by e-mail on 11.01.2022

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
60-11-5645	6	<b>Amdor supplied drip pan under rollup door roll (each)</b> Note - reduces the door opening Includes drains from Amdor
60-11-5654	4	<b>Amdor pull strap not requested</b>
60-11-5660	2	<b>Amdor pull straps - Flex - HD (for door opening 49"-70")</b> To be installed on the Pump panel rollup doors
60-31-4100	1	<b>Extruded aluminum handrails</b> Minimum 2" clearance from handrail to any surface *** To be painted yellow by Metalfab
60-31-55AA	1	<b>Folding steps at rear of body without integral lights</b> Maximum height between steps is 18" Seperate Lumabar (50-31-70AA) will be installed over each step As requested by Greg Rivers by e-mail on 11.01.2022
60-31-5700	2	<b>Pull out step under pump house (each)</b> To be mounted towards the chassis cab and will be wired to the "Do not move apparatus" light
60-31-5800	1	<b>Special step over rear dump</b> To be illuminated and lights to be activated with the application of the park brake. Will have Delineation markings to meet NFPA
60-31-65AA	1	<b>Compartment matting - yellow Turtle Tile</b>
60-31-8006	4	<b>BA bottle compt (ea) - fender well</b> Retaining loops included Customer to specify make and model of cylinder to be stored Make - Scott Model - APS - 4500 PSI, 45 minute capacity Photo of valve/cap (to ensure retaining loop will fit) F/Data/Jacques/Current Project/Uxbriddge/Pictures Front right side tube will store 20lb ABC extinguisher (80-17-0500) - see photo in Basecamp No interlocks required for racks - As advised by Greg Rivers by e-mail on 10.25.2022
60-31-8400	1	<b>Fixed vertical partition</b> For the SCBA brackets (80-18-0500) to be mounted to. Locate on the foward end of the sliding tray in R2
60-31-8650	4	<b>Sliding tray (ea) - 500 pound capacity with lock-in, lock-out sliding hardware</b> There will be white reflective stripe on the sides of the trays Locations. 1. L1 2. L2 3. R1 - 30" wide and mounted on the left side of the compartment 4. R2
60-32-3560	1	<b>Three hose dividers, one fixed and two adjustable</b> Hand hold required in end

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>60-32-8000</b>	<b>1</b>	<b>Hose bed - plastic tile</b> Turtle tile brand on top of aluminum slats to distribute the hose load equally over the water tank.
<b>60-33-0000</b>	<b>1</b>	<b>Paint exterior - Imron Elite</b> To match cab RED
<b>60-33-0200</b>	<b>1</b>	<b>Undercoat vehicle with KROWN rust protection</b> To be done after final customer inspection
<b>60-33-0600</b>	<b>1</b>	<b>Chassis wheels not painted - aluminum wheels</b>
<b>60-33-1000</b>	<b>1</b>	<b>Price Adjustment</b>
<b>60-33-10AA</b>	<b>1</b>	<b>Pump and plumbing - NOT PAINTED</b> The pump and plumbing will be left unpainted as requested by Greg Rivers by e-mail on 10.25.2022 Steel components and brackets to be painted job colour or black, stainless plumbing and brass valves to remain natural finish.
<b>60-33-1600</b>	<b>1</b>	<b>Special paint compartment interior - gray zolatone</b> Trays and hardware to remain natural aluminum
<b>60-33-2200</b>	<b>1</b>	<b>Lettering - 80 letters up to 3" tall - 3 colour</b> *** Vinyl letters, Fire Department to provide details on location and text. Sample pictures saved at F:/Data/Jacques/Current Projects/Uxbridge/Pictures Includes: Door Decal Tanker _#_ 911 with phone Keep Back 150M Uxbridge Fire As advised by Greg Rivers by e-mail on 10.25.2022 Layout drawing approved July 17, 2024
<b>60-33-3300</b>	<b>1</b>	<b>Reflective stripe - custom</b> 50% of perimeter each side and 25% of perimeter front minimum Color and size: 1" gold, 4" white and 1" gold 3M Scotchlite Layout drawing approved July 17, 2024
<b>60-33-33AA</b>	<b>1</b>	<b>Reflective stripe - red and white - 3M Diamond Grade material</b> To cover 50% of the rear. The area under the traffic light module and extrusions will be left uncovered. Department has approved NFPA non-compliance - as advised by Greg Rivers by e-mail on 10.25.2022
<b>60-33-3600</b>	<b>1</b>	<b>White Reflective stripe - inside entry doors</b> 96 square inches minimum inside each cab entry door
<b>60-33-4600</b>	<b>1</b>	<b>Aluminum cover over crosslays - with end tarps (black)</b> *** Discussed at pre-construction meeting Type of end tarp restraint to be shock cord and J-hook. Reference picture saved F:/Data/Jacques/Current Project/Uxbridge/Pictures There will be a ball and socket restraint supplied and installed to be used as a keep open device. As requested by Greg Rivers by e-mail on 11.01.2022

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>60-33-5000</b>	<b>1</b>	<b>Aluminum cover over hose bed with end tarps - black</b> *** Discussed at pre-construction meeting Type of end tarp restraint to be J-hooks and shock cord. As advised by Greg Rivers by e-mail on 10.25.2022
<b>60-40-1500</b>	<b>4</b>	<b>4" Hose tray - side mount (ea)</b> To be stored in Zico rack (60-41-60AA). For customer supplied hoses. *** Discussed at pre-construction meeting: To be set up for most common 4" NH long handle by 10' long suction hose. As advised by Greg Rivers by e-mail on 10.25.2022
<b>60-40-4500</b>	<b>2</b>	<b>6" Hose tray - side mount (ea)</b> One to be stored in Zico rack (60-41-60AA) and one to be mounted on porta tank rack (60-41-6001). For customer supplied hoses. *** Discussed at pre-construction meeting: To be set up for most common 6" NH long handle by 10' long suction hose. As advised by Greg Rivers by e-mail on 10.25.2022
<b>60-41-1000</b>	<b>2</b>	<b>Pike Pole tube with door</b> To be stored under the right side fender top. For 8' pike pole (80-13-2200), 12' pike pole (80-13-2516) and Colorado Hook (80-99-20AA). The access door will have a label to show each pike pole length. Label to be in "Feet" as requested by Greg Rivers by e-mail on 10.25.2022
<b>60-41-6001</b>	<b>1</b>	<b>Zico hydraulic portable tank rack - right side fender top</b> For 2000 Imp Gal Porta Tank (80-15-1000) To be wired so only operable when park brake is engaged. No other interlocks required as advised by Greg Rivers by e-mail on 10.25.2022 Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. Will be wired to an audible alarm that will be active when the rack is moving Will hold the following customer supplied hoses - One (1) x 6" x 10'
<b>60-41-6010</b>	<b>1</b>	<b>ZICO PTS switched at rear above tail light</b> Switch is located on same side as electric rack
<b>60-41-60AA</b>	<b>1</b>	<b>Zico Hydraulic hard sleeve rack - left side fender top</b> To be wired so only operable when park brake is engaged. No other interlocks required as advised by Greg Rivers by e-mail on 10.25.2022 Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. Will be wired to an audible alarm that will be active when the rack is moving Will hold the following customer supplied hoses - Four (4) 4" x 10' and one (1) x 6" x 10'
<b>60-41-60AB</b>	<b>1</b>	<b>ZICO HA-HS switched at rear above tail light</b> Switch is located on same side as electric rack
<b>60-41-6110</b>	<b>1</b>	<b>Painted plate on exterior of Zico PTS</b>
<b>60-41-61AA</b>	<b>1</b>	<b>Painted pate on exterior of HA-HS</b>
<b>60-41-7100</b>	<b>2</b>	<b>Tread plate on body behind porta tank rack, hard sleeve rack</b>
<b>INSTRUMENTATION</b>		
<b>70-11-0000</b>	<b>1</b>	<b>Warning Label on Pump Operator's Panel</b>

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>70-11-0500</b>	<b>1</b>	<b>Side mount instrument panel</b> No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position
<b>70-11-1500</b>	<b>1</b>	<b>Stainless steel instrument panels</b> No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position The upper panel on the left side pump panel will have push style latches
<b>70-11-2200</b>	<b>2</b>	<b>Storage tray in pump house running board</b> To be mounted towards the body - behind the pull out step (60-31-5700). Will carry 25' of 4" customer supplied Hi-Vol Hose Size to be 8" deep and length to as shown on the proposal drawing. As requested by Greg Rivers by e-mail on 10.25.2022
<b>70-11-3200</b>	<b>1</b>	<b>Colour coded tags</b> *** Discussed at pre-construction meeting Tags be Metric Certain discharges have specific colors as per department supplied pics Tag verbiage to be approved by Fire Department: _____ Refer to pictures on F:/Data/Jacques/Current Projects/Uxbridge/Pictures As requested by Greg Rivers by e-mail on 10.25.2022
<b>70-11-40AA</b>	<b>1</b>	<b>Left side panel light with switch</b> A horizontal lumabar is provided above the upper left side instrument panel, switched on the pump panel. SuperBright - Metalfab part # 1003135
<b>70-11-5100</b>	<b>1</b>	<b>Storage at rear top of pump house with top access cover</b> The cover will have gas struts and a D-handle latch. There will be drains on the bottom, interlocking tile and the compartment will be illuminated. There will be a sea under the cover.
<b>70-11-5515</b>	<b>1</b>	<b>Right side stainless steel pump access door with push to release latches</b> No dimension less than 18" Metalfab part # 1561737
<b>70-11-7550</b>	<b>1</b>	<b>Heat pan - aluminum - cold weather type</b>
<b>70-11-8000</b>	<b>1</b>	<b>Heater in pump compartment switched on pump panel</b> Heater capacity will be Metalfab standard 30,000 BTU
<b>70-20-11AA</b>	<b>2</b>	<b>4-12" compound gauge - Class 1 - Kpa dominant</b> Class 1 gauge in Kpa dominant scale (Class 1 does not offer Kpa only). As requested by Greg Rivers by e-mail on 10.25.2022
<b>70-20-21AA</b>	<b>6</b>	<b>2-1/2" pressure gauge - Class 1- Kpa dominant</b> Class 1 gauge in Kpa dominant scale (Class 1 does not offer Kpa only). As requested by Greg Rivers by e-mail on 10.25.2022
<b>70-20-2500</b>	<b>1</b>	<b>Trident Primer control</b>
<b>70-20-2501</b>	<b>3</b>	<b>Additional Trident Pre-Primer control</b>

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>70-20-3100</b>	<b>1</b>	<b>Class One Governor Control</b> Throttle can be no lower than 42" and no higher than 72" from operator's standing position.
<b>70-20-3502</b>	<b>1</b>	<b>Electric water level gauge on pump panel, Class One ITL-40M</b>
<b>70-20-3611</b>	<b>1</b>	<b>Remote PSTANK2 water level indicators each side, rear with driver</b> Includes black bezels Will be interlocked so only active when the park brake is applied
<b>70-20-6500</b>	<b>1</b>	Test gauge panel Mount below the compound gauges for proper draining
<b>70-20-7500</b>	<b>1</b>	<b>Heat exchanger control valve</b>
<b>70-20-7600</b>	<b>1</b>	<b>Pump cooler control valve</b>
<b>70-21-2100</b>	<b>1</b>	<b>PTO Hourmeter mounted on pump panel</b>
<b>70-21-5500</b>	<b>1</b>	<b>Panel readout for Battery Conditioner</b> To be mounted on the left side chassis step as requested by Greg Rivers by e-mail on 10.25.2022. Reference pictures saved at F:/Data/Jacques/Current Project/Uxbridge/Pictures
<b>71-21-3101</b>	<b>1</b>	<b>Transmission warning light not required</b> Present on the FRC InControl, Pump Boss and TPG Plus
<b>ACCESSORIES</b>		
<b>80-13-1200</b>	<b>2</b>	<b>Clare hose wrenches (double) with holder</b> Mount on the L/S and R/S pump panel where room permits
<b>80-13-1210</b>	<b>2</b>	<b>Akron 448 double hose wrenches with holder</b> Mount on the L/S and R/S pump panel where room permits
<b>80-13-2200</b>	<b>1</b>	<b>Pike pole, fibreglass handle - 8' long</b> Store in pike pole tube (60-41-1000)
<b>80-13-2516</b>	<b>1</b>	<b>Pike pole, fibreglass handle - 12' long</b> Store in pike pole tube (60-41-1000)
<b>80-15-1000</b>	<b>1</b>	<b>2000 l gallon/2500 USG portable tank - Husky</b> Includes dual drains. Liner to be yellow in color. To be stored in rack 60-41-6001
<b>80-17-0500</b>	<b>1</b>	<b>20# dry chemical fire extinguisher, tube mounted</b> To be stored in the front right side SCBA tube (60-31-8006)
<b>80-18-0500</b>	<b>2</b>	<b>SCBA bracket with strap - compt mount</b> The Scott X3 SCBA will be mounted on the vertical partion (60-31-8400) mounted to a pull out tray (60-31-8650). *** Discussed at pre-construction meeting Compartment location: R2 As advised by Greg Rivers by e-mail on 10.25.2022
<b>80-20-5020</b>	<b>6</b>	<b>Traffic Cone (ea) - 28" with reflective collars - with mount</b> To be shipped loose as requested by Greg Rivers by e-mail on 10.25.2022
<b>80-99-05AA</b>	<b>2</b>	<b>6" NHF x 4" Storz 30 degree suction adapter, cap</b> To be shipped loose with completed unit Metalfab part # 1501411 and 1500650 cap

