



QUOTATION

Huntsville Fire Department
 Stephen Hernen Fire Chief
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 Huntsville, ON P1H 1A1



Exp. Date: 05/22/2015
 Quote No: EHUON-0013
 Job/Order No: 19091
 02/09/2017

PART NO	QTY	DESCRIPTION
	1	== Metalfab Pumper - ULC 05/13 - 0.000 ==
	1	CHANGE ORDER A
00-10-1500	1	Metalfab Pumper E
00-20-1000	1	Company Profile E
00-20-1500	1	Standard Body Warranty
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-1700	1	Hale Pump Warranty - 5 years
00-20-1800	1	Polypropylene Tank Lifetime Warranty
00-20-2000	1	Plant Visits - unlimited at customer expense
00-20-3000	1	No Bonding Requested
00-20-3500	1	Certification for Fusion Welding of Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2008
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
	1	GENERAL INFORMATION
10-11-0000	1	Intent E
10-11-0110	1	Vehicle data recorder included with chassis
10-11-1100	1	ULC S515-13 Compliance
10-11-1500	1	ULC Testing - Pumper
10-11-2100	1	Maximum length not specified E
10-11-2200	1	Maximum height not specified E
10-11-2400	1	Overall length is 30' or more
10-11-2500	1	General Construction
10-11-3000	1	Manuals - two copies
10-11-3600	1	Delivery - FOB Fire Department - by Carrier
10-11-4000	1	Payment Terms - Chassis Net 10 days, Balance COD
10-20-1400	1	Hose capacity exceeding ULC/NFPA requirements
10-20-2000	1	Equipment carrying capacity - standard ULC Pumper
	1	CHASSIS INFORMATION
20-11-1000	1	Chassis supplied by Metalfab - International 4400 four door
20-11-1600	1	Chassis Motor Vehicle Inspection - by Carrier
20-21-0500	1	Fluid capacity plate
20-21-0600	1	Pumping test plate
20-21-1030	1	Maximum riders sign - 5 persons
20-21-1510	1	Seat belt warning labels - 4 door chassis
20-21-1530	1	Tire Pressure Indicators - Single Axle
20-21-1600	1	Apparatus Information Label
20-21-2000	1	Non removable key
20-21-2500	1	Shifter lock not required E

PART NO	QTY	DESCRIPTION		
20-21-3500	1	Rear step warning label		
20-21-3800	1	Front mudflaps		
20-21-4000	1	Rear mudflaps - Metalfab Logo		
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only		
20-31-1100	1	Alum tread fuel tank covers, diamond grip steps, Conv - 4 dr		
20-31-1500	2	Special compartments in chassis steps	E	
20-31-1900	1	Chassis cab painted red by chassis OEM		
20-31-7000	1	SS nut covers, hub caps and high hats - single axle		
20-31-7500	1	Console in cab		
20-41-0600	1	Intake air shutoff for engine not required		
20-41-0900	1	Auxiliary braking system disabled when pumping		
20-41-1100	1	Transmission programming - Allison WT		
20-41-1500	1	Extend exhaust pipe - RS front of rear wheels	E	
20-41-1800	1	Battery boost terminals required		
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		
20-41-5105	2	Rear Tow Hooks - Chrome Tow eyes in Rear Compartment		
20-51-0700	1	Master Battery Disconnect included with chassis		
20-51-2500	1	Back up alarm included with chassis		
20-51-3100	1	Air inlet not required		
20-51-3400	1	Protection valve installed for air operated accessories		
20-51-6200	4	120 volt 20 A shore line connection		
20-51-6600	1	Kussmaul Pump Plus conditioner/compressor		
20-51-7100	1	Electric System Manager		
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure		
20-51-8500	1	Engine compartment lights (pair)		
20-52-1000	1	Federal Littlite gooseneck map light (ea)	E	
20-52-3000	1	Chassis steering wheel lined up by others		
20-52-4000	1	Rear View Camera system		
20-60-0400	1	Chassis wheelbase does not change		
20-99-0010	1	Kussmaul USB dual port charging socket in console		
20-99-05AA	1	Install aluminum treadplate doors for rear under seat storage		
20-99-10AA	1	IPAD Mounting Bracket		
20-99-15AA	1	Powerbar - power adapters to fit in each location on powerbar		
20-99-20AA	1	Air Horns installed side of chassis hood - switched by chassis switches		
	1	PUMP AND PLUMBING		
30-11-3800	1	Hale DSD midship pump - 1050 IGPM		
30-15-0303	1	Plumbing - non manifold pump SM	E	
30-20-0501	1	Valves and controls - compartment mounted panel		E
30-20-1001	1	Valve brand not specified	E	
30-20-1640	1	Piping galvanized steel - MG/DSD pump		
30-20-1700	1	1-1/2" thread specifications- NPSH		
30-20-1800	1	2-1/2" thread specifications - CSA		
30-20-2000	1	Piping hydrostatic test		
30-20-2505	1	Anodes in suction and discharge piping not requested		
30-21-5510	1	Tank to Pump 3" w/ check valve non manifold pump		
30-22-0500	1	Tank Fill valve 2"		
30-31-4000	1	Suction - 6" not gated each side non manifold pump 6" header		
30-31-6000	1	Suction - 4" galv piping to rear - handwheel control - 4" NH connection		
30-31-7220	1	Butterfly valve handwheel control remote indicator light closed only		
30-32-7520	1	Suction - 2-1/2" left side, bleeder, non manifold pump		
30-32-8000	1	Suction - 2-1/2" right side, bleeder, Hale manifold pump		
30-40-2006	1	4" right discharge, plumbed 3", non manifold pump		
30-41-2006	1	2-1/2" RS discharge, bleeder, non manifold pump		
30-41-2506	2	2-1/2" LS discharge, bleeder, non manifold pump		
30-43-1500	2	2-1/2" rear discharge, plumbed 2-1/2", bleeder		
30-44-0500	3	1-1/2" crosslay (each), 2" valve, bleeder		

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30-51-0500	1	Pump shift-Midship air	
30-51-6640	1	Class One "TPG Plus" Governor/Throttle	
30-51-7000	2	Suction side relief V/V, manifold pump	
30-51-8100	1	Heat exchanger included with chassis	
30-51-9100	1	Thermal Relief Valve with warning light	
30-51-91AA	1	Audible alarm for thermal relief valve	
30-52-1000	1	Master drain V/V, 12 port	
30-52-2000	1	Drain valve for foam system header	
30-52-3500	1	Panel mount foam Pickup tube and valve Akron	
30-52-5610	1	Foam system-Hypro FoamPro 2001 Dual Tank System	
30-52-6500	1	FoamPro dual tank selector valve (manual)	
30-52-9000	1	Foam Tank drain	
30-52-9200	1	Foam System Instruction Plates	
30-52-9400	1	NFPA Foam System certification test	
30-99-06AA	1	Automatic Trident Air Primer - 3 location	
	1	WATER AND FOAM TANKS	
40-11-2100	1	Polypropylene water tank (Imperial gallons)	
40-11-2200	1	Water tank capacity certification (tank manufacturer)	
40-11-5000	1	Tank capacity 1000 Imperial Gallons	
40-12-99AA	1	40 Imperial gallon foam cell	
40-21-1000	1	4" tank to pump connection	
40-22-0500	1	2" tank fill connection	
40-23-0500	1	1" water level gauge connection	
40-23-1060	1	10" Newton dump connection	
40-30-0500	1	Sump drain valve (3" gate valve) with linkage	E
40-30-1000	1	Water Fill Box front left corner	
40-31-4500	1	10" rear Newton dump, painted steel	
40-31-4600	1	Newton dump, side mount manual operation	
40-31-5000	1	Newton dump - 36" telechute painted steel	
40-31-6050	1	Rear fill not requested	E
	1	ELECTRICAL	
50-11-0450	1	Base electrical system - International Diamond Logic 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	
50-11-0900	1	Rocker switch panel with master warning switch	
50-11-1400	1	Federal PA300 100 watt siren	
50-11-1625	1	Siren speaker, 100 watt, behind chassis grille	
50-11-2600	1	Siren to be accessible to driver and officer	
50-11-6100	1	Whelen FN60QLED LED light bar NFPA	
50-11-6199	1	Built in Opticom in Whelen FN60QLED light bar	
50-11-6610	1	Rear LED Traffic Advisor warning lights - flush mount	
50-11-8001	1	Rear beacons not required	E
50-12-8520	1	Front LED flashers (pr)-Whelen red LED 600 with integral flasher	
50-12-8610	2	Rear LED flashers (pr)-Whelen red LED 600 with integral flasher	
50-12-8620	1	Rear LED flashers (pr)-Whelen red LED 900 with integral flasher	
50-12-8710	1	Front side inter lts (pr) - Whelen red LED 600 with integral flasher	
50-12-8810	2	Body side inter lts (pr)-Whelen red LED 600 with integral flasher	
50-12-8820	1	Body side inter lts (pr)-Whelan red LED 900 with integral flasher	
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)	
50-21-5500	1	Door Ajar warning light	
50-21-8001	1	Step lights for body steps - 4" LED	
50-21-82AA	1	12" Lumabar LED step lights for four door chassis	
50-21-8600	1	LED clearance lts and reflectors	
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'	
50-22-0700	1	Whelen 64 LED tail/brake-turn-backup module (pr)	

PART NO	QTY	DESCRIPTION	
50-31-6560	1	Ground lighting (LED Lumabar) - 4 door chassis	
50-31-6570	1	Ground lighting (LED Lumabar) - side mount body	
50-35-0500	1	Prewire for customer installation of mobile radio	
50-35-0560	1	VHF antenna with base - commercial chassis	
50-99-0010	3	Whelen 900 LED scene lights (pr)	
50-99-05AA	1	Hose bed cover lights - 4 x 40" LED Lumabar	
50-99-15AA	1	Command Light - Shadow RT - 4 FRC Evolution 12V LED Light Heads	
	1	BODY	
60-10-1400	1	Single axle extruded aluminum body	
60-10-4100	1	No "beavertail" rear step supports	
60-10-4500	1	Aluminum tread plate fender surround - single axle	
60-10-4700	1	Integral aluminum fender trim	
60-10-5400	1	Diamondback pumphouse steps	
60-10-5440	1	Diamondback 14" rear step	
60-10-6500	1	Bolt on extruded aluminum rub rail	E
60-11-0300	1	Front left side compartments full height	E
60-11-0350	1	Second front left side compartments full height	E
60-11-0550	1	Second front right side compartment to top of wheel well	
60-11-0700	1	Front right side compartments full height	E
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	
60-11-2500	1	Rear compartment at step level	
60-11-4510	1	Flush mount aluminum door - double with "D" handle	
60-11-5500	3	Rollup door - standard height	
60-11-5520	3	Rollup door - full height	
60-31-4000	1	Extruded aluminum handrails - rubber inserts	E
60-31-6500	1	Compartment matting-Turtle tile	
60-31-8400	1	Fixed vertical partition	
60-31-8700	1	Sliding tray (ea) - 400 pound capacity with gas strut	
60-31-9600	4	Adjustable shelf (ea)	
60-32-3560	1	Three adjustable hose divider (each)	
60-32-7500	1	Hose bed - aluminum	
60-33-0000	1	Paint exterior - Imron Elite	
60-33-0200	1	Undercoat vehicle with KROWN rust protection	
60-33-0600	1	Chassis wheels not painted	
60-33-1000	1	Paint pump and plumbing job colour	
60-33-1500	1	Buffed finish compartment interior	
60-33-2200	1	Lettering - 80 letters up to 3" tall - 3 colour	
60-33-3000	1	Reflective stripe - 4" white & 1" Yellow	
60-33-3310	1	Reflective stripe - red and yellow chevron at rear	
60-33-3600	1	Reflective stripe - inside entry doors	
60-33-4600	1	Aluminum cover over crosslays - with end tarps (black)	
60-33-5000	1	Aluminum cover over hose bed with end tarps - black	E
60-40-1000	2	2-1/2" Hose tube	
60-40-5000	2	6" Hose tray - top mount (ea)	
60-40-9000	1	Tube mount for ladders, with rear door	
60-40-9500	1	Tube for portable tank storage, with rear door	
60-41-1000	1	Pike Pole tube with door	
60-91-0500	1	Compartment SCBA Storage rack	E
60-99-05AA	1	Custom made built in tool box - Front left compartment	
60-99-10AA	1	Lighted Folding Steps - Cast Products	
60-99-15AA	1	Pike Pole Tube for Dry wall hook	
	1	INSTRUMENTATION	
70-11-0000	1	Warning Label on Pump Operator's Panel	
70-11-0500	1	Side mount instrument panel	
70-11-10AA	1	Linkage controls in LS front compartment	
70-11-1500	1	Stainless steel instrument panels	

PART NO	QTY	DESCRIPTION
70-11-3200	1	Colour coded tags
70-11-4000	1	Stainless steel side panel hood right side
70-11-4100	1	Stainless steel side panel hood left side
70-11-7500	1	Heat pan-aluminum
70-11-8000	1	Heater in pump compartment
70-20-0500	2	4-1/2" compound gauge - dual face 0-600
70-20-1500	9	2-1/2" pressure gauge - dual face 0-600
70-20-3100	1	Class One Governor Control
70-20-3500	1	Electric water level gauge on pump panel, Class One
70-20-6500	1	Test gauge panel
70-20-7500	1	Heat exchanger control valve
70-21-1600	1	Electric Foam Level gauge not requested
70-21-5500	1	Panel readout for Battery Conditioner
	1	ACCESSORIES
80-13-1000	3	Hose wrenches (double) with holder
80-13-2500	1	Pike pole, fibreglass handle - 10' long
80-14-0500	1	24' 2 section extension ladder PEL 24
80-14-5500	1	14' aluminum roof ladder PRL-14
80-14-8500	1	10' aluminum folding attic ladder FL-10
80-15-05AA	1	1000 Imp gallon portable tank - Husky
80-17-0500	1	20# dry chemical fire extinguisher and mount
80-18-0500	1	SCBA bracket with strap - compt mount
80-19-0500	2	Large folding wheel chock - aluminum (ea) not mounted
80-99-0500	4	Advance Lighting - FD-1 Handlight with charger
80-99-0600	4	SCBA bracket w/strap - ZICO QLM - crew cab mount
80-99-14AA	1	6'-00" Fibreglass handle Drywall Hook