



QUOTATION

Montague Fire Department
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Exp. Date: 11/15/2019
Quote No: JMOPE-0018
Job/Order No: 21415
 08/31/2021

PART NO	QTY	DESCRIPTION
	1	== Metalfab Pumper - ULC 05/13 - 0.000 ==
	1	CHANGE ORDER F
00-05-0010	1	Dealer - Metalfab
00-10-1500	1	Metalfab Pumper
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
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 Required
00-20-3500	1	Certification for Fusion Welding of Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2015
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
	1	GENERAL INFORMATION
10-11-0000	1	Intent E
10-11-0105	1	Vehicle Data Recorder not requested E
10-11-1100	1	ULC S515-13 Compliance
10-11-1500	1	ULC Testing - Pumper - Imperial units of measure
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
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 - Freightliner M2 106 four door
20-11-1600	1	Chassis Motor Vehicle Inspection as supplied by chassis OEM
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
20-21-1560	1	LED 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
20-21-3500	1	Rear step warning label
20-21-3810	1	Front mudflaps provided with chassis E
20-21-4000	1	Rear mudflaps - Metalfab Logo

PART NO	QTY	DESCRIPTION
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
20-31-1510	2	Special compartments in chassis steps with light, door ajar
20-31-1900	1	Chassis cab painted by chassis OEM
20-31-7500	1	Console in cab
20-31-7505	2	Stainless glove box holder/dispenser
20-41-0600	1	Intake air shutoff for engine not requested
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
20-41-1900	1	Battery boost terminals with chassis E
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
20-41-5000	1	Rear Tow Hooks - under body
20-41-5500	1	ON SPOT Automatic traction chains
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis
20-51-2500	1	Back up alarm included with chassis
20-51-3400	1	Protection valve installed for air operated accessories
20-51-4000	1	Auto eject for air inlet - LS
20-51-6200	4	120 volt 20 A shore line connection in chassis cab
20-51-6500	1	Kussmaul Autocharge 1000 battery conditioner w/battery saver
20-51-7101	1	Electric System Management - VMUX
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure
20-51-8505	1	Engine compartment light included with chassis E
20-51-9001	1	Air horns as supplied by chassis OEM
20-52-3500	1	Chassis steering wheel lined up by Metalfab E
20-52-4010	1	Provision Rear view camera, side camera, dual monitors
20-60-0400	1	Chassis wheelbase does not change
	1	PUMP AND PLUMBING
30-11-8100	1	Hale QMAX 1250 IGPM single stage pump
30-12-3500	1	Mechanical seal for Hale QMAX/QTWO pumps
30-15-0104	1	Plumbing - Hale manifold pump SM SS E
30-20-0500	1	Valves and controls - side mount panel
30-20-1001	1	Valve brand not specified E
30-20-1600	1	Piping stainless steel - general
30-20-1700	1	1-1/2" thread specifications NPSH
30-20-1800	1	2-1/2" thread specifications Charlottetown thread (3.25 x 5NF)
30-20-2000	1	Piping hydrostatic test
30-20-2500	1	Anodes in suction and discharge piping
30-21-5560	1	Tank to Pump SS 3" w/ check valve manifold pump
30-22-0520	1	Tank Fill valve 2" SS
30-31-4010	1	Suction - 6" gated each side manifold pump
30-31-5100	1	Suction - 4" SS piping to rear - electric control - 6" connection, bleeder
30-31-7200	3	Hale master intake suction valve - electric control
30-32-7530	1	Suction - 2-1/2" left side SS, bleeder, Hale manifold pump
30-32-8200	1	4" Storz inlet, 3" Elkhart valve, 3" SS piping, push pull control - Right side
30-40-2020	1	4" right discharge SS, plumbed 3", Hale manifold pump
30-41-2020	1	2-1/2" RS discharge SS, bleeder, Hale manifold pump
30-41-2520	2	2-1/2" LS discharge SS, bleeder, Hale manifold pump
30-42-8520	1	1-1/2" rear discharge SS, plumbed 2"
30-43-1520	2	2-1/2" rear discharge SS, plumbed 2-1/2", bleeder
30-44-0720	2	1-1/2" speedlay (each) front of pumphouse SS, plumbed 2"
30-51-0500	1	Pump shift-Midship air
30-51-0700	1	Pump Gearbox mounted manual over ride for pump shift E
30-51-6640	1	Class One "TPG Plus" Governor/Throttle
30-51-7000	4	Suction side relief V/V, manifold pump
30-51-7719	1	Trident Automatic Air Primer 3 barrel 4 location with gauge
30-51-7720	1	Additional air tank for air primer system - included w/chassis
30-51-8100	1	Heat exchanger included with chassis
30-51-9100	1	Thermal Relief Valve with warning light
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	Drain valve for foam system header

PART NO	QTY	DESCRIPTION
30-52-5510	1	Foam system-Hypro FoamPro 2001 Single Tank
30-52-8100	1	Electric foam fill pump with panel pickup
30-52-9100	1	Foam concentrate label at foam tank fill
30-52-9200	1	Foam System Instruction Plates
30-52-9400	1	NFPA Foam System certification test
	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
40-12-4500	1	Foam cell - 20 Imperial gallon
40-21-0500	1	3" tank to pump connection
40-22-0500	1	2" tank fill connection
40-23-0500	1	1" water level gauge connection
40-23-1000	1	1" foam 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
40-31-0400	1	Rear dump valve not requested E
40-31-6050	1	Rear fill not requested E
40-99-05AA	1	Cover on dump valve provision
	1	ELECTRICAL
50-11-0300	1	Base electrical system - multiplex E
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
50-11-1492	1	Whelen siren 295SLSA1 with removable mic
50-11-1620	1	Siren speaker, 100 watt, in front bumper
50-11-2600	1	Siren to be accessible to driver and officer
50-11-5811	1	Federal 46" Vision LED light bar RRWRWRR
50-11-7600	1	Rear LED Signal Master warning lights - Model SL8
50-11-9015	1	Rear Beacons, Federal NVG10 (pr) both red
50-12-5028	1	Front LED flashers (pr)-red Federal QL43-RR
50-12-5218	1	Front side inter lts (pr)-red LED Federal QL43-RR
50-12-5318	1	Body side inter lts (pr)-red LED Federal QL43-RR
50-12-8000	1	Additional body side intersection light not required
50-21-1610	1	Parking (ditch) lights in rear fenders - LED w/ SS housing (pr)
50-21-2540	2	FRC telescoping SPECTRA LED 12V flood (ea)
50-21-25AA	2	Spectra SPA510 12-VDC pull up extendable light
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	Door Ajar warning light
50-21-5550	3	Equipment rack not stowed warning light
50-21-8001	1	Step lights for body steps - 4" LED
50-21-8201	1	12" Lumabar LED step lights for four door chassis
50-21-83AA	1	12" LED Lumabars for Access Ladder
50-21-8600	1	LED clearance lts and reflectors
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'
50-22-0800	1	Federal 4 QuadraFlare LED tail/brake-turn-backup-warning module (pr)
50-31-6006	3	Scene lights (pr) - Federal QL97 LED
50-31-6010	1	Scene light boxes (pr) - tread plate E
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	Installation of customer supplied mobile radio
50-35-0560	1	VHF antenna with base - commercial chassis
50-99-10AA	1	Hose bed cover lights
	1	BODY
60-10-1400	1	Single axle extruded aluminum body
60-10-15AA	1	1" drop on lower edge of compartment floor - sweep out type
60-10-4010	1	Squared beavertails to house FRC extendable lights

PART NO	QTY	DESCRIPTION
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
60-10-5430	1	Diamondback 19" rear step
60-10-6000	1	Extruded rub rail
60-11-0200	1	Front left side compartments intermediate height
60-11-0600	1	Front right side compartments intermediate height
60-11-0900	1	Rear left side compartments intermediate height
60-11-1300	1	Rear right side compartments intermediate height
60-11-1900	2	Low side compartment (up to 18") each
60-11-3200	1	Full Height Rear compartment
60-11-4500	2	Flush mount aluminum door - single with "D" handle
60-11-5510	4	Rollup door - intermediate height
60-11-5520	1	Rollup door - full height
60-11-5530	2	Rollup door - to enclose pump panel
60-11-5660	1	Amdor pull straps - Roll up doors at pump panel
60-31-4100	1	Extruded aluminum handrails
60-31-5000	1	Zico access Ladder at rear of unit
60-31-5800	1	Intermediate step over rear compartment w/required lighting
60-31-6500	1	Compartment matting-Plastic Interlocking tile
60-31-8003	4	SCBA dual tubes in rear fenders (ea)
60-31-8210	2	Sliding vertical tool board - open/close latch
60-31-8700	4	Sliding tray (ea) - 400 pound capacity with gas strut
60-31-87AA	1	Vertical partitions on pull out tray to carry 6 hoses
60-31-9600	4	Adjustable shelf (ea)
60-32-3550	1	Two adjustable hose divider (each) and one fixed for hose bed cover
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 polished aluminum Dura Bright
60-33-1000	1	Paint pump and plumbing job colour
60-33-1600	1	Special paint compartment interior - gray zolatone E
60-33-2300	1	Lettering - special graphics
60-33-3000	1	Reflective stripe - 4" white
60-33-3310	1	Reflective stripe - red and yellow chevron at rear
60-33-3600	1	Reflective stripe - inside entry doors
60-33-5000	1	Aluminum cover over hose bed with end tarps - black E
60-40-5500	2	Suction hose tube (each) with door
60-40-8500	1	Tail light box Fire Extinguisher tubes (pr) w/restraint straps
60-41-1000	2	Pike Pole in attic ladder tube with rear door
60-41-1500	1	Attic ladder tube with rear door
60-41-6001	1	Zico hydraulic portable tank rack - Left side
60-41-6010	1	ZICO PTS switched at rear above tail light
60-41-6110	1	Painted plate on exterior of Zico PTS
60-41-7100	1	Tread plate on body behind porta tank rack
60-41-9001	1	Zico hydraulic Ladder Access system - Right side
60-41-9010	1	ZICO LAS switched at rear above tail light - w/protective switch
60-99-15AA	1	Accountability board in chassis cab
	1	INSTRUMENTATION
70-11-0000	1	Warning Label on Pump Operator's Panel
70-11-0501	1	Side mount instrument panel with rollup door LS and RS
70-11-1500	1	Stainless steel instrument panels
70-11-3200	1	Colour coded tags - Imperial units
70-11-5100	1	Storage above top of pump house
70-11-52BB	1	Flip up door on top of pump house storage
70-11-5500	1	Right side aluminum pump access door - painted Zolatone
70-11-7500	1	Heat pan-aluminum
70-11-8100	1	Heater in pump compartment not requested
70-20-1120	2	4-1/2" compound gauge - dual face 0-400
70-20-2130	9	2-1/2" pressure gauge - dual face 0-400
70-20-2500	1	Primer control - Main pump
70-20-2501	3	Additional Primer control - Pre-prime for 6" intakes
70-20-3100	1	Class One Governor Control

PART NO	QTY	DESCRIPTION
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
70-21-1500	1	Electric Foam Level gauge
70-21-5500	1	Panel readout for Battery Conditioner
71-21-3520	1	Supply and install a David Clark Headset H3340 style on pump panel
	1	ACCESSORIES
80-11-5000	2	6" x 10' lightweight suction hose (ea)
80-12-2500	1	6" barrel strainer
80-13-0500	1	Rubber mallet
80-13-1500	1	Bar with bracket
80-13-2500	2	Pike pole, fibreglass handle - 10' long
80-13-4000	1	Axe, pick head, fibreglass handle and bracket
80-13-4500	1	Axe, flat head, fibreglass handle and bracket
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
80-15-0500	1	1500 l gallon portable tank - Husky
80-17-0500	1	20# dry chemical fire extinguisher
80-17-1000	1	15# CO2 fire extinguisher
80-17-1500	1	2 gallon water extinguisher with mount
80-18-0500	3	SCBA bracket with strap - compt mount
80-18-0650	3	SCBA bracket - Smart Dock in rear chassis seats
80-99-05AA	1	Talon Helmet holder and radio holder
80-99-10BB	1	Mount customer supplied Gang Charger
80-99-11AA	1	Mount customer supplied TIC charger
80-99-15AA	4	Sho-Me Handlight and charger
80-99-30AA	1	Mount a customer supplied ground base for monitor