



Margaree Volunteer Fire Department
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Exp. Date: 03/15/2017
Quote No: JMANS-0008 **Job/Order No:** 19685
BODY: 00-10-36 Metalfab Fast Response - 05/13

11/08/2017

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Fast Response - 05/13 - 0.000 ==	1	MTL
	S		CHANGE ORDER A	1	MTL
00-10-0500			Metalfab Minipumper	1	MTL
00-20-05AA			List of References - Mini Pumper	1	MTL
00-20-1000			Company Profile	1	MTL
00-20-1500			Standard Body Warranty	1	MTL
00-20-1550			Metalfab Limited Ten (10) Year Paint and Corrosion Warranty	1	MTL
00-20-1700			Hale Pump Warranty - 5 years	1	MTL
00-20-1800	S		Polypropylene Tank Lifetime Warranty	1	MTL
00-20-2000			Plant Visits - unlimited at customer expense	1	MTL
00-20-3000	S		No Bonding Requested	1	MTL
00-20-3500			Certification for Fusion Welding of Aluminum	1	MTL
00-20-4000			Quality System registered to ISO 9001:2008	1	MTL
00-20-4500			Fire Apparatus Manufacturers' Association Membership	1	MTL
			GENERAL INFORMATION	1	MTL
10-11-0000			Intent	1	MTL
10-11-0105			Vehicle Data Recorder not requested	1	MTL
			E		
10-11-1100	S		ULC S515-13 Compliance	1	MTL
10-11-1500	S	>	ULC Testing - Initial Attack Fire Fighting Apparatus	1	MTL
10-11-2100			Maximum length not specified	1	MTL
10-11-2200			Maximum height not specified	1	MTL
10-11-2300			Overall length is less than 30'	1	MTL
10-11-2500			General Construction	1	MTL
10-11-3000			Manuals - two copies	1	MTL
10-11-3600	S	>	Delivery - FOB Fire Department	1	MTL
10-11-4100	S		Payment Terms - Body only COD (with customer supplied chassis)	1	MTL
10-20-1250			Hose bed capacity - standard Mini Pumper	1	MTL
10-20-2250			Equipment carrying capacity - standard ULC/NFPA Mini Pumper	1	MTL
			CHASSIS INFORMATION	1	MTL
20-11-0500	S	< >	Customer supplied Chassis - Ford F-Series 4x4 two door Chassis dealer to supply two (2) chassis manuals as per discussion with Blaise at the local dealership. Chassis dealer to have the unit delivered to Metalfab 19,500 GVWR 193" Wheelbase 6.7 Liter diesel V8 6 speed automatic transmission Polished Aluminum wheels Back up alarm and back up camera included Color is Race Red	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-11-1500			2013 Emission chassis modifications	1	MTL
20-11-1600	S		Chassis Motor Vehicle Inspection as supplied by chassis dealer	1	MTL
20-21-0500			Fluid capacity plate	1	MTL
20-21-0600			Pumping test plate	1	MTL
20-21-1000			Maximum riders sign - 2 persons	1	MTL
20-21-1500			Seat belt warning labels - 2 door chassis	1	MTL
20-21-1530			Tire Pressure Indicators - Single Axle	1	MTL
20-21-1600			Apparatus Information Label	1	MTL
20-21-2000			Non removable key	1	MTL
20-21-2500			Shifter lock not required	1	MTL
20-21-3500			Rear step warning label	1	MTL
20-21-3810	S		Front mudflaps as provided with chassis	1	MTL
20-21-4000			Rear mudflaps - Metalfab Logo	1	MTL
20-31-0100			Fuel tank or step covers not required	1	MTL
20-31-0200			Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
20-31-1000	U <		Running boards for Ford As supplied with chassis	1	
20-31-1900	S		Chassis cab painted by chassis OEM	1	MTL
20-31-7500	S		Console in cab	1	MTL
20-31-7588	U		Remove center Ford seat for console	1	
20-41-0600			Intake air shutoff for engine not required	1	MTL
20-41-1200			Transmission programming not required	1	MTL
20-41-1520			Extend exhaust pipe - RS rear of rear wheels E	1	MTL
20-41-1801			Battery boost terminals not required - batteries accessible	1	MTL
20-41-2000			Chassis batteries remain in OEM location	1	MTL
20-41-2565	U		Dual Fuel fill / DEF fill guard with door - LS rear fender well	1	
20-41-2600			Chassis fuel tank remains in OEM location	1	MTL
20-41-5005			Rear Tow Hooks not required E	1	MTL
20-41-5200			Rear trailer receiver and trailer wiring - Class III/IV, 7 pin connector	1	MTL
20-41-5210			Front receiver	1	MTL
20-41-5240	U		Pintle hook with adapter and pin to slide into receiver	1	
20-51-0500			Master disconnect switch - manual	1	MTL
20-51-2500			Back up alarm included with chassis	1	MTL
20-51-3100			Air inlet not required	1	MTL
20-51-6200	S >		120 volt 20 A shore line connection	2	MTL
20-51-6500			Kussmaul Autocharge 1000 battery conditioner w/battery saver	1	MTL
20-51-7101	S		Electric System Management	1	MTL
20-51-7500			Super Auto eject for 120 v - 20 A with sealed enclosure	1	MTL
20-51-8500	S		Engine compartment lights (pair) to meet ULC	1	MTL
20-51-9001	S		Air horns not requested	1	MTL
20-52-3000		>	Chassis steering wheel lined up by others	1	MTL
20-60-0400			Chassis wheelbase does not change	1	MTL
20-99-05AA	U <		Removable 10,000lb Warn winch - Zeon 10-S Multi Mount SOPT 141a	1	
			Mount in the rear compartment (below sliding tray) if possible, otherwise at floor level in one of the rear side compartments		
20-99-15AA	U <		Air intake ember separator SOPT 301	1	
20-99-20AA	U <		Installation of rearview camera supplied by Ford SOPT 1056	1	

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			PUMP AND PLUMBING	1	MTL
30-11-3000			<i>Hale MG midship pump - 625 IGPM</i>	1	MTL
30-15-0303			<i>Plumbing - non manifold pump SM</i>	1	MTL
			<i>E</i>		
30-20-0500			Valves and controls - side mount panel	1	MTL
30-20-1003	S		<i>Elkhart valves for suction and discharges</i>	1	MTL
30-20-1640			<i>Piping galvanized steel - MG/DSD pump</i>	1	MTL
30-20-1700	S		<i>1-1/2" thread specifications - NPSH</i>	1	MTL
30-20-1800	S		<i>2-1/2" thread specifications - NSZ1</i>	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2505			<i>Anodes in suction and discharge piping not requested</i>	1	MTL
30-21-5515	U		<i>Tank to Pump 3" w/ 3" check valve non manifold pump, 3" piping</i>	1	
30-22-0500			<i>Tank Fill valve 2"</i>	1	MTL
30-31-3000			<i>Suction - 4-1/2" not gated each side non manifold pump 6" header</i>	1	MTL
30-32-7520			<i>Suction - 2-1/2" left side, bleeder, non manifold pump</i>	1	MTL
30-41-2006			<i>2-1/2" RS discharge, bleeder, non manifold pump</i>	1	MTL
30-41-2506			<i>2-1/2" LS discharge, bleeder, non manifold pump</i>	1	MTL
30-43-1500			<i>2-1/2" rear discharge, plumbed 2-1/2", bleeder</i>	1	MTL
30-44-0500			<i>1-1/2" crosslay (each), 2" valve, bleeder</i>	2	MTL
30-51-0900	U		<i>Manual pump shift for midship pump in cab</i>	1	
30-51-6810			<i>FRC InControl Governor/Throttle engine display with buttons</i>	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	1	MTL
30-51-7700			<i>Primer Hale oil less ESP with oil tank Hale</i>	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-3001			Foam system not requested	1	MTL
			E		
			WATER AND FOAM TANKS	1	MTL
40-11-2100	S		<i>Water tank (Imperial gallons)</i>	1	MTL
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-3500	S		<i>Tank capacity 275 Imperial Gallons</i>	1	MTL
40-21-0500			<i>3" tank to pump connection</i>	1	MTL
40-22-0500			<i>2" tank fill connection</i>	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-30-0400			3" plug in sump box	1	MTL
40-31-6050			Rear fill not requested	1	MTL
			E		
			ELECTRICAL	1	MTL
50-11-0500			Base electrical system	1	MTL
50-11-0600			Warning Light Certification	1	MTL
50-11-0700			Low Voltage Electrical system test	1	MTL
50-11-0800			Low Voltage Electrical System Documents	1	MTL
50-11-0900			<i>Rocker switch panel with master warning switch</i>	1	MTL
50-11-1400			Federal PA300 100 watt siren	1	MTL
50-11-1610	U		<i>Siren speaker, 100 watt, in front bumper</i>	1	
50-11-2600			<i>Siren to be accessible to driver and officer</i>	1	MTL
50-11-5001	S	>	<i>Code 3 lighting package</i>	1	MTL
50-11-50AA	U	<	<i>Code 3 21TR47NFPA lightbar</i>	1	
			SOPT 398		
			Metalfab part number 1570894		
50-11-6501			Rear Directional Light not required	1	MTL
50-11-8000			<i>Rear beacons-Code 3 550 red (pr)</i>	1	MTL
50-12-0400			<i>Front flashers (pr)-red Code 3 45R LED</i>	1	MTL
50-12-1100			<i>Front side inter lts (pr)-red Code 3 45R LED</i>	1	MTL
50-12-1200			<i>Body side inter lts (pr)-red Code 3 45R LED</i>	1	MTL
50-12-1300			<i>Rear flashers (pr)-red Code 3 45R LED</i>	1	MTL
50-21-1505	U		<i>Unity LED rear floods (pr)</i>	1	
50-21-1610	U		<i>Parking (ditch) lights in rear fender - LED w/stainless housing</i>	1	

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-21-2525	U		FRC telescoping SPECTRA LED 12V flood (ea)	2	
50-21-29AA	U	<	Additional Lighting in cab as required to illuminate floor to meet ULC	1	
			SOPT 998		
50-21-5100		>	Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL
50-21-5500			Door Ajar warning light	1	MTL
50-21-8001			Step lights for body steps - 4" LED	1	MTL
50-21-8200	S		Step lights for chassis steps - LED	1	MTL
50-21-8600			LED clearance lts and reflectors	1	MTL
50-22-0700	S		Whelen 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-6550			Ground lighting (LED Lumabar) - 2 door chassis	1	MTL
50-31-6570			Ground lighting (LED Lumabar) - side mount body	1	MTL
50-31-65AA	U		Hose bed lighting - LED on front partition	1	
50-35-0500	S		Installation of customer supplied mobile radio	2	MTL
50-35-0560			VHF antenna with base - commercial chassis	2	MTL
50-41-5260	U		12-volt power point by front and rear receiver	2	
50-41-5265	U		Master disconnect for Winch 12-Volt power	1	
			BODY	1	MTL
60-10-1000			Mini Pumper extruded aluminum body	1	MTL
60-10-4100			No "beavertail" rear step supports	1	MTL
60-10-4600			Painted fender surround	1	MTL
60-10-4700			Integral aluminum fender trim	1	MTL
60-10-5400		>	Diamondback pumphouse steps	1	MTL
60-10-5450		>	Diamondback 10" rear step	1	MTL
60-10-6000			Extruded rub rail	1	MTL
60-11-0300	S	< >	Front left side compartments full height	1	MTL
			E		
			Front portion (ahead of tank) through to the right side		
			This area to be wide enough to accommodate the 60-99-05AA Stokes basket with spine board		
60-11-0700		< >	Front right side compartments full height	1	MTL
			E		
			Front portion (ahead of tank) through to the left side		
60-11-1000		>	Rear left side compartments full height	1	MTL
			E		
60-11-1400		>	Rear right side compartments full height	1	MTL
			E		
60-11-2000	S	>	High side compartment (over 18") each	2	MTL
60-11-3200	S	>	Full Height Rear compartment	1	MTL
60-11-5500			Rollup door - standard height	2	MTL
60-11-5520			Rollup door - full height	5	MTL
60-31-4100			Extruded aluminum handrails	1	MTL
60-31-5500	S		Steps at rear of body (folding) with integral LED lights	1	MTL
60-31-5600			Steps and grab handles at front of body next to pump panel	1	MTL
60-31-6500			Compartment matting-Turtle tile	1	MTL
60-31-8700		< >	Sliding tray (ea) - 400 pound capacity with gas strut	1	MTL
			Back compartment - slide out tray for portable pump that measures 23.5" high x 21.5" L x 24" W		
			Will require special inverted type tray so pump can sit on top		
			Reflective stripe is applied on the exposed edge for visibility when the compartment door is open		
60-31-9600	S	>	Adjustable shelf (ea)	6	MTL
60-32-3550			Two adjustable hose divider (each)	1	MTL
60-32-7500			Hose bed - aluminum	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-33-0000			Paint exterior - Imron Elite	1	MTL
60-33-0200			Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0600			Chassis wheels not painted	1	MTL
60-33-1000			Paint pump and plumbing job colour	1	MTL
60-33-1500			Buffed finish compartment interior	1	MTL
60-33-2200	S		Lettering - 80 letters up to 3" tall - 3 colour	1	MTL
60-33-3000			Reflective stripe - 4" white	1	MTL
60-33-3310			Reflective stripe - red and yellow chevron at rear	1	MTL
60-33-3500			Tarp over hose bed - black	1	MTL
60-33-4600			Aluminum cover over crosslays - with end tarps (black)	1	MTL
60-40-1500	S		4" Hose tray - side mount (ea)	2	MTL
60-40-5500	S	<	Suction hose tube (each) in hosebed	2	MTL
			Store in right side of hose bed as shown on the proposal drawing with a Velcro strap to hold hose in tube		
			For Customers 4" suction hose		
			Customer dimensions of their Northline suction hoses		
			Overall length - 127"		
			Hose length between couplings - 115"		
			Diameter of coupling - 7-1/2"		
			Distance long handle coupling end to end - 11"		
60-41-1000	S		Pike Pole tube in hosebed	2	MTL
60-41-1500	S		Attic ladder tube in hosebed	1	MTL
60-41-8600	S		Top Mount ladder slideway (fixed)	1	MTL
60-99-05AA	U	<	Stokes basket tube in front pass through compartment	1	
			Located at the front of the through compartment		
			SOPT 683		
			Customer Stokes basket with ice rescue floats to be stored in tube:		
			Length - 89"		
			Width - 30"		
			Thickness - 8"		
			Photos at o:		
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-0500			Side mount instrument panel	1	MTL
70-11-1500			Stainless steel instrument panels	1	MTL
70-11-3200			Colour coded tags	1	MTL
70-11-4100			Stainless steel side panel hood left side	1	MTL
70-11-4500			Diamondback grip type panel hood step right side	1	MTL
70-11-5000			Standard cover over rear top of pump house - no storage	1	MTL
70-11-5500			Right side tread plate pump access door	1	MTL
70-11-7500			Heat pan-aluminum	1	MTL
70-11-8000			Heater in pump compartment	1	MTL
70-20-1500			2-1/2" pressure gauge - dual face 0-600	5	MTL
70-20-2500			Primer control	1	MTL
70-20-3300			FRC InControl Governor Control	1	MTL
70-20-3500			Electric water level gauge on pump panel, Class One	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
			ACCESSORIES	1	MTL
80-12-3000		>	4" low level strainer with 1-1/2" venturi connection	1	MTL
80-13-0500			Rubber mallet	1	MTL
80-13-2500			Pike pole, fibreglass handle - 10' long	2	MTL
80-14-0510			24' 3 section extension ladder PEL3 24	1	MTL
80-14-5000			12' aluminum roof ladder PRL-12	1	MTL
80-14-8500			10' aluminum folding attic ladder FL-10	1	MTL
80-18-0500	S	<	SCBA bracket with strap - compt mount	8	MTL
			For four (4) SCBA and four (4) bottles		
			Location of SCBA Brackets:		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			SCBA to be located in RS compartment over rear wheels - one on each end wall and two on back wall		
			Two SCBA spare cylinders to be mounted two on back wall between SCBA		
			Two SCBA spare cylinders to be mounted on back wall of front RS compartment rear of through section		
			Size of SCBA and cylinders to be stored:		
			OA Height of SCBA - 26"		
			OA Width of SCBA - 12"		
			OA depth/thickness of SCBA - 12"		
			Diameter of Cylinder - 7"		
			Overall length of Cylinder including shutoff valve - 25"		
80-99-05AA	U		4.5" female to 4" male with end cap for side suctions ***with screens***	2	