

SUBJECT: Purchase of Rosenbauer Pumper/Tender for Butte Fire Service Area in the amount of \$ 940,750.00

AGENDA OF: August 20, 2024

ASSEMBLY ACTION:

Approved under the consent agenda - EMW

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

Route To:	Signature
Originator	8 / 8 / 2 0 2 4 X R u s t i n K r a f f t <small>Signed by: Rustin Krafft</small>
DES Director	8 / 8 / 2 0 2 4 X K e n B a r k l e y <small>Signed by: Ken Barkley</small>
Purchasing Director	8 / 8 / 2 0 2 4 X R u s t i n K r a f f t <small>Signed by: Rustin Krafft</small>
Finance Director	8 / 8 / 2 0 2 4 X C h e y e n n e H e i n d e l <small>Signed by: Cheyenne Heindel</small>
Borough Attorney	8 / 8 / 2 0 2 4 X N i c h o l a s S p i r o p o u l o s <small>Signed by: Nicholas Spiropoulos</small>
Borough Manager	8 / 8 / 2 0 2 4 X M i c h a e l B r o w n <small>Signed by: Mike Brown</small>
Borough Clerk	8 / 8 / 2 0 2 4 X L o n n i e M c K e c h n i e <small>Signed by: Lonnie Mckechnie</small>

ATTACHMENT (S): Sourcewell Quote(19 pages)
Fiscal Note (1 page)

SUMMARY STATEMENT: The Department of Emergency Services has identified a need to acquire a new Pumper/Tender. This tender will be replacing two 30 year old tenders from Butte FSA fleet.

Pricing for this equipment has been established through the Sourcewell. Sourcewell is a nationally recognized purchasing cooperative that harnesses the buying power of hundreds of local and state governments to solicit and establish the best pricing available. Utilizing cooperative contracts saves time and money by purchasing from our ready-to-use, competitively solicited contracts.

Delivery is anticipated no later than 7/31/2026

RECOMMENDATION OF ADMINISTRATION: Approve the legislation as presented.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: August 20, 2024

SUBJECT: Purchase of Rosenbauer Pumper/Tender for Butte Fire Service Area in the amount of \$ 940,750.00

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT YES NO
AMOUNT REQUESTED \$940,750.000	FUNDING SOURCE FSA Capital Projects
FROM ACCOUNT # 405.000.000 4XX.XXX	PROJECT # 45085
TO ACCOUNT :	PROJECT #
VERIFIED BY:  X M e r i s s a C a r r e l l S i g n e d b y : M e r i s s a C a r r e l l	CERTIFIED BY:
DATE:	DATE:

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL		940.8				
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REVENUE						
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FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other		940.8				
TOTAL		940.8				

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: _____ PHONE: _____

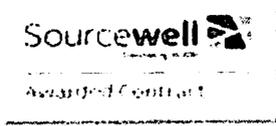
DEPARTMENT: _____ DATE: _____

8 / 8 / 2 0 2 4

X C h e y e n n e H e i n d e l

APPROVED BY: _____ DATE: _____

S i g n e d b y : C h e y e n n e H e i n d e l



PURCHASE ORDER

Purchaser		SUPPLIER	
Purchaser:	Butte Fire Department, AK	Contract #:	Sourcewell Contract #: 113021-RSD
Address 1:	3355 South Old Glenn Highway	Supplier:	Rosenbauer South Dakota, LLC
Address 2:	Fire Station	Address 1:	100 3rd Street
City, State, Zip:	Palmer, Alaska 99645	Address 2:	
		City, State, Zip:	Lyons, SD 57041

Purchase Order Number:	New Tender	Delivery in Calendar Days, other approved production priority specifications are reserved:	690
Date:	5/31/2024	Member #:	194124

The amount in this proposal shall remain firm for a period of 30 days from the date of same.

Quantity	Description	Price	Price (Extended)
1	One (1) Rosenbauer Tanker, complete with Rosenbauer Commander chassis per attached specifications.	\$940,750.00	\$940,750.00
*Note: If chassis amount of \$490,487.00 is paid upon arrival at our plant in South Dakota, deduct \$18,836.00 each			
TOTAL			\$940,750.00

NOTES:

Rosenbauer Dealer:	General Fire Apparatus
Salesperson:	Steve Wickwire
Signature:	

Purchaser:	Butte Fire Department, AK
Print Name:	
Title:	
Date:	
Signature:	

QUOTATION

General Fire Apparatus

General Fire Apparatus-PNWEE
 Brenden Feist
 3924 East Trent Avenue
 Spokane, Washington 99202
 509-242-2710
 brendenf@generalfire.com

Quote No: 10021-0018
 06/04/2024

Chassis

PART NO	S	DESCRIPTION	QTY
== Rosenbauer Commander - 901.023 10/03/23 ==			
00-00-0120		-- CONFIGURATION ID: 2021B-XXXXX	1
03-00-0101		-- Certification - NFPA	1
08-09-0100		-- Warranty - Cab Paint - Five Years	1
08-09-0104		-- Warranty - Cab Structural - Ten Years	1
08-09-0105		-- Warranty - Allison Transmission - Five Years	1
08-09-0106		-- Warranty - Cummins Engine - Five Years	1
08-09-0107		-- Warranty - Frame - Lifetime	1
08-09-0109		-- Warranty - Front Axle Hendrickson - Five Years	1
08-09-010A		-- Warranty - Rear Axle Meritor - Five Year	1
08-09-0110		-- Warranty - Cab and Chassis - One Year	1
08-09-0301		-- Cab Test Information Static Load Seat Test	1
08-09-0302		-- Cab Test Information Crash Test ECE-29	1
08-09-0303		-- Cab Test Information SAE J2420; J2422	1
08-09-0304		-- Cab Test Information Roof Crush, Side & Frontal Impact	1
08-09-0501		-- Operation & Parts List Manuals (2) Sets, USB Drive	1
08-09-0503		-- Engine & Transmission Operation Manuals (1) Set	1
08-09-0530		-- As Built Wiring w/Plumbing Diagrams (1) Set	1
08-09-0540		-- On Board USB Manual Storage	1
08-80-0200		-- DOT KIT	1
03-00-0124		Pumper	1
03-00-0143		-- Additional Crossmembers RSD bodies	1
07-03-0106		-- Midship Pump 1 O'clock PTO Driven Pump	1
03-00-0150		MAXIMUM OVERALL HEIGHT RESTRICTION 11' Feet	1
03-00-0708		60" Cab Length 8" Roof	1
03-04-0004		-- Cab Drip Rail Extension	1
03-05-0060		-- Light Tower Reinforcement Pad - Wilburt	1
64-01-1860		-- Lt Tower, WB, NS Chief (4)-75W LED12V, WhIn Pioneer PCP1 NS1.8-300-4 (Flood)	1
64-02-8040		-- Controls, Mounting, Light Tower, Provided by Body	1
64-20-4100		-- Light Tower Mounting, Facade Enclosure Guard, Painted	1
03-05-0622		-- Driver EMS Compartment 26" Interior Height 16"x26"	1
03-05-0645		-- Driver Exterior Access - Hinged Door	1

PART NO	S	DESCRIPTION	QTY
03-05-0650		-- Black Door Handle - EMS Compartment	1
03-05-0652		-- Manual Locks - EMS Compartment	1
03-05-0709		-- Interior Driver EMS Compartment Access 18.75" W x 22" H - Sweep Out	1
03-05-0747		-- Interior Access Driver EMS Compartment Hinged Door - 26"	1
03-05-0770		-- Driver's Side Interior EMS Door Hinge Location Outboard Hinge to be located by the cab exterior	1
03-05-9000		-- Compartment Shelf	1
05-01-1801		-- Driver EMS Compartment Interior Finish Match Interior Cab Coating	1
08-00-0713		-- Driver Mid EMS Compt Lighting LED Strip 18"	1
03-06-0015		-- Steps w/Grip Strut Lower, Treadplate Middle	1
03-06-1015		-- Cab Entry Doors	1
03-06-1025		-- Full Length Cab Entry Doors	1
03-06-1110		-- Cab Door Hardware Black (4)	1
03-06-1120		-- Cab Door Locks Manual	1
03-06-1135		-- Interior 1-Piece Door Panel Type Aluminum	1
03-06-1200		-- Door Panel Finish DA Sanded	1
04-05-0115		-- Interior Handle Front Door Grab Handles, 7" Chrome	1
04-05-0155		-- Interior Handle Rear Door Grab Handles - 7" Chrome	1
04-05-0182		-- Additional Grab Handles, "A" Pillar	1
03-08-0014		-- Heated Windshield One Piece - COMMANDER	1
03-08-0102		-- Windshield Wiper System Single Motor (2) Wipers - 3D Grille	1
08-01-0346		-- Heated Windshield Activate Rocker Switch Driver Panel	1
03-08-0115		-- Window Driver w/Manual Regulator	1
03-08-0117		-- Window Officer w/Manual Regulator	1
03-08-0200		-- Window Driver Crew Door - Manual Regulator	1
03-08-0240		-- Window Officer Crew Door - Manual Regulator	1
03-08-0300		-- Window Side Middle Driver Fixed 15.5"W" x 21.5"H	1
03-08-0350		-- Window Side Middle Officer Fixed 15.5"W x 21.5"H	1
CAB INTERIOR AND TRIM			
04-01-0152		-- === 8 Raised Cab 60" Interior Trim ===	1
03-09-7024		-- Cab Insulation Interior Ceiling 60/8"	1
03-09-8100		-- Cab Insulation Engine Tunnel, Short Tunnel	1
03-09-8017		-- Cab Insulation Underbody, 54" & 60" Cab	1
03-09-8020		-- Cab Insulation Cab Damping	1
04-01-1011		-- Interior Trim Color Black, 60" - 8 Roof	1
04-01-1111		-- Interior Trim Color Black Rear Wall 8" Roof	1
04-02-1002		-- Suspended Throttle and Brake Pedals	1
04-02-1105		-- Interior Floor Covering Color Black, 60"	1
04-02-1702		-- Interior Trim Sun Visor Tinted	1
04-03-1060		-- Cab Dash & Engine Tunnel Alum Dash Short - Overhead HVAC	1
04-03-1020		-- Cab Dash & Engine Tunnel Coating Black Polyurethane	1
08-01-0144		-- Instrumentation Panel Inlay - Powder Coat Black	1
05-01-1050		-- Cab Coating Interior Black Polyurethane	1
04-08-0151		-- Cab Fender SS	1
04-09-0300		-- Logo, Commander, Cab Sides	1
04-10-0351		-- Mud Flaps Front	1
03-08-4000		Cab Header / Heating and AC	1
05-02-0012		-- Heating w/ Air Conditioning, Overhead, 12V DC	1
05-01-6010		-- Cab Paint A/C Condenser on Roof	1
05-02-0048		-- Heater Hose - Rubber	1

PART NO	S	DESCRIPTION	QTY
05-02-0051		-- Heater Hose Insulation - Chassis & up to Cab The Heater Hoses on the Chassis and up to and under the Cab shall be insulated	1
05-02-0054		-- Advanced Wiring Rear Crew Controls	1
05-02-0200		-- A/C Condenser Location Roof Mounted Mid Center	1
05-02-0300		-- Auxiliary Defroster Fans Will be switched in Vista on VMUX trucks.	1
05-02-0710		-- Auxiliary Coolant Heating System w/Hose Insulation ESPAR HEATER	1
08-02-0120		-- Heat & A/C Activation Manual Drvr Panel Mounted & Rear Crew Controls	1
08-02-0100		-- Rear Crew Controls Manual - Located Overhead Center	1
03-09-0001		-- Seats Inc	1
03-09-0906		-- Seat Material Endurance Vinyl	1
03-09-0920		-- Seat Logo Rosenbauer	1
03-09-0105		-- Seat Color Black/Red Seat Belt	1
03-09-01X3		-- Seat Driver 911 Seats Inc XL 10-Way Electric ABTS	1
03-09-000B		-- Dual Retractor Seat Belt - Seats Inc	1
03-09-0121		-- Seat Back Non-SCBA	1
03-09-02X3		-- Seat Mounting Driver Electric XL - Seats Inc	1
03-09-3010		-- Driver Seat Box Storage Compartment	1
03-09-3236		-- Seat Box Driver & Officer Storage Access Doors (2) Driver/Officer	1
03-09-024D		-- Seat Officer 911 XL Seats Inc 6-Way Electric ABTS	1
03-09-000B		-- Dual Retractor Seat Belt - Seats Inc	1
03-09-0125		-- Seat Back SCBA Zico ULL Bracket w/ LLS Strap	1
03-09-02X8		-- Seat Mounting Officer Electric XL Seats Inc	1
03-09-3020		-- Officer Seat Box Storage Compartment	1
03-09-033C		-- One (1) Outboard Officer Rear Facing Seats - XL	1
03-09-035B		-- Seat Crew Rear Facing Outer 911 Seats Inc XL Flip-Up ABTS Belt Orientation shall pull from outboard shoulder to inboard hip	1
03-09-000B		-- Dual Retractor Seat Belt - Seats Inc	1
03-09-0125		-- Seat Back SCBA Zico ULL Bracket w/ LLS Strap	1
03-09-038A		-- Seat Mounting Rear Facing Outer - XL Seats Inc.	1
03-09-041A		-- Two (2) Center Forward Facing Seats - XL	1
03-09-055B		-- Seat Crew Forward Facing Center 911 Seats Inc XL Flip-up Belt Orientation- LH & RH to Door	2
03-09-000B		-- Dual Retractor Seat Belt - Seats Inc	2
03-09-0125		-- Seat Back SCBA Zico ULL Bracket w/ LLS Strap	2
03-09-057A		-- Seat Mounting Forward Facing Center - XL	2
03-09-3104		-- Seat Box (2 person) Fwd Facing (Aux Under Seat Heater) w/Center Front Grille	1
03-09-3210		-- Seat Box (60/54) Forward Facing Storage Access Cutout (2) Driver/Officer Sides	1
03-09-4001		-- Seat Box Finish - Match Cab Interior Coating	1
05-03-1000		-- Heater, Auxiliary, Forward Facing Seat Box	1
08-02-0110		-- Auxiliary Heater Controls - Middle	1

PART NO	S	DESCRIPTION	QTY
04-05-1900		-- Exterior Grab Handles 18" Aluminum	1
04-05-1910		-- Exterior Grab Handles Bare Aluminum	1
04-05-0200		-- Exterior Grab Handles Aluminum with Stanchions 18"	4
04-08-0010		===== Traditional Front with Rectangular Headlamp Bezels =====	1
04-08-0140		-- Front Grille, 3D Stainless Steel SST	1
04-08-0022		-- Wing Light Bezel - Stainless Steel	1
04-08-0090		-- Logo, Rosenbauer, Grille Mount	1
04-08-0125		-- Front Grille Inlay, Black Honeycomb w/ Stainless Steel Bars	1
06-03-2010		-- Fluid Checks & Fills at Grille L9	1
08-00-0508		-- Headlights, Quad, Maxxima LED, with Rectangular Bezel	1
08-00-0512		-- Daytime Running Lights (DRL)	1
08-00-0540		-- Headlight Location - Upper Bucket 104 OS, 105 OS, and 104 DS, 105 DS	1
08-00-0602		-- Front Turn Signals Whelen 600 LED (2)	1
08-00-0630		-- Turn Signal Located Below Headlights 106 OS & DS	1
08-00-0608		-- Front Marker Lamps Face Mounted LED (Center 3 Lightings, 2 Corner)	1
08-00-061B		-- Side Marker Light LED - Black (2)	1
08-01-0303		-- Headlight & Marker Light Activated Rocker Switch Driver Panel	1
05-00-0221		Cab Tilt System - Heavy Duty w/ Manual Back Up	1
05-00-0021		-- Cab Tilt Limit Switch	1
05-00-0045		-- Cab Tilt Lock Down Indicator	1
05-00-0100		-- Cab Tilt Control Receptacle Temp	1
05-00-5005		Bus Style Mirrors	1
05-00-700A		-- Ramco Bus, 17" Driver (Door Mnt), 17" Officer (Door Mnt), Lower Convex, Black	1
08-01-0821		-- Rearview Mirror Remote & Heat Switch Driver Panel	1
05-01-5010		Cab Paint Exterior Single Color	1
05-01-5021		-- Cab Paint Lower / Primary Paint Code: Paint Color:	1
05-01-6051		-- Cab Undercoating	1
05-01-7000		-- Paint Spray Out	1
07-05-010C		Front Axle Hendrickson SteerTek 23000#	1
07-05-0120		-- Front Wheel Bearing Lube Oil	1
07-05-0274		-- Front Suspension Hendrickson Parabolic Spring 23K	1
07-05-0341		-- Power Steering Gear TRW TAS 85 w/Assist- 20K and up - L9 Steertek Axle	1
07-06-0420		-- Chassis Alignment	1
07-06-0522		-- Front Cramp Angle 45 Degrees	1
07-07-0151		-- (2) Steer Tires 425/65R 22.5 Michelin XZY3 "L"	1
07-06-0436		-- Counter Acting Balancing Beads	2
07-07-0720		-- (2) Front Wheels Alcoa Polished 22.5 x 12.25 Aluminum	1
07-08-0201		-- Front Brakes S-Cam Drum 16.5" x 6"	1
07-05-0315		4 Spoke Steering Wheel with ESC Tilt/Telescopic 18"	1
07-06-0106		Rear Axle, Single, 33000# Meritor RS-30-185	1
07-06-0253		-- Rear Suspension Reyco 79KB - Spring 33000# w/Helper	1

PART NO	S	DESCRIPTION	QTY
07-08-0252		-- Rear Brakes S-Cam Drum 16.5" x 8.6"	1
07-06-0300		-- Rear Shock Absorbers	1
07-06-0350		-- Rear Axle Differential Control DCDL - Single	1
08-01-0900		-- Rear Axle Diff Control (DCDL) Activated Rocker Switch Driver Panel	1
07-06-1201		-- Tire Chains, Auto, Rud 10 Strand switched in Vista on V-Mux trucks	1
NOT AVAILBLE WITH THE HENDRICKSON AIR RIDE 33-35K ROADMAAX-AIR RIDE			
07-07-0351		-- (4) Rear Tires 315/80R 22.5 Michelin XDN2 Grip "L"	1
07-06-0436		-- Counter Acting Balancing Beads	4
07-07-0786		-- (4) Rear Wheels Alcoa Polished 22.5 x 9.00 Aluminum	1
07-07-0610		-- Valve Stem Extension - Single Axle	1
07-07-0994		-- Vehicle Top Speed 65 mph	1
07-08-0103		-- Electronic Stability Control Single Axle w/ air manifold NOT AVAILABLE on Tillers	1
07-08-0189		-- Air Tank Brackets - Hot Dipped Galvanized	1
07-08-0302		-- Park Brake Rear w/Supplemental Front	1
08-02-0130		-- Park Brake Control Driver Dash	1
07-08-0410		-- Wabco System Saver 1200	1
07-08-0501		-- Auxiliary Air Reservoir 1200 Cu In	1
07-08-0561		-- Moisture Ejectors Auto/Auto Heat Wet Tank	1
07-08-0570		-- Air Supply Lines Nylon	1
07-08-0601		-- Air Inlet Connection	1
07-08-0650		-- Plumbing Air Inlet Connection	1
07-08-06SF		-- Air Inlet Location Driver's Front Stepwell	1
07-08-0725		-- Air Horn Reservoir (1) 1200 Cu In	1
07-09-001B		Frame Double Channel 35" Frame Width	1
07-09-0045		-- Wheelbase Range 220" - 239"	1
07-09-0071		-- Rear Overhang	1
07-09-0130		-- Frame Paint Powder Coat Black	1
07-09-9999	U	-- Frame Reinforcement	1
10-04-0430		-- Front Bumpers, 4000, Max Force 12"H, Max Force Wings	1
10-05-4306		-- Front Bumper, Max Force 12"H, T/P Apron, M/F Wings, 6" Extension	1
06-00-0050		-- Engine Placement	1
06-00-1710		-- Engine, Cummins L9, Base Spec, 2024 - Commander	1
06-00-0051	S	-- Cummins L9 Surcharge Price Adjustment for potential X10 engine substitution	1
06-00-1722		-- 450HP Cummins L9 - 2024	1
06-02-1110		-- Fan Clutch - L9	1
06-04-3000		-- Fan Clutch Programming - Standard	1
06-02-1526		-- Auxiliary Engine Brake Compression Brake (JAKE)	1
08-01-0204		-- Auxiliary Engine Brake Control On/Off & Low/Med/High Switch Driver Panel	1
06-02-2003		-- AC Compressor - L9	1
06-03-1010		-- Engine High Idle Speed 1250 RPM	1
06-03-1022		-- Engine High Idle Control Manual & Automatic	1
06-05-3010		-- Engine Air Intake Filtration and Restriction L9	1
06-06-3938		-- Engine Exhaust System One Piece Officer Side, L9, 2024	1

PART NO	S	DESCRIPTION	QTY
06-06-4006		-- DEF Tank - Commander	1
06-06-4101		-- DEF Tank Access Fill Door - Black	1
06-08-0100		-- Engine Exhaust Acc Temp Mitigation	1
06-08-0200		-- Engine Exhaust Wrap	1
08-02-0140		-- DPF Control Regeneration Switch & Inhibit Switch Covered	1
06-04-2002		-- Engine Cooling System - L9	1
06-04-4010		-- Coolant Valve Shut Off Valve w/Connection - For Additional Heater	1
06-05-1002		-- Engine Pump Heat Exchanger L9	1
07-01-0100		-- Transmission Allison 3000 EVS	1
07-01-0500		-- Transmission Fluid - Standard	1
07-02-0006		-- Transmission 6th GEN Push Button Key Pad	1
07-02-0012		-- Transmission 1 o'clock PTO	1
07-02-0052		-- Transmission Mode Programming 5th Startup/5th Mode	1
07-02-0066		-- Transmission Feature Programming I/O Package 198/Pumper	1
07-02-0251		-- Driveline Spicer 1710 HD	1
07-04-0120		-- Fuel Filter/Water Separator Cummins FS1098	1
07-04-0310		-- Fuel Tank 50 Gal/189 Liter, Dual Fill	1
07-04-0216		-- Fuel Lines Aramid Braid	1
07-04-0225		-- Fuel Shutoff Valve (2) at Filter	1
07-04-0230		-- Fuel Cooler Rearward of Battery Box	1
08-00-0414		-- Alternator Leece-Neville 350 Amp, Brushless	1
08-00-0101		Electrical System 12V DC	1
04-04-1312		-- (1) Power Point & (1) USB/USB-C 12V Power Point - Driver's Side	1
04-04-1332		-- (1) Power Point & (1) USB/USB-C 12V Power Point - Officer's Side	1
08-01-0034		-- 2 Position Battery Master - Driver's Kick Plate	1
08-01-0036		-- Ignition Switch	1
08-01-006N		-- Driver Switch Panels, Black	1
08-01-0075		-- Driver Panel / Controls & Switches - 12V DC Black	1
08-01-0240		-- Master Warning Switch on Driver Panel	1
08-02-0176		-- Accessory Power Distribution Panel - 12 Position 40A Battery Direct	1
		w/Ground	
		Please indicate location for Power Distribution panel(s):	
08-03-0110		-- Communication Antenna Base Cab Roof - RBM Supplied	2
		Shop Note Roof location. Location will be affected by Aerial Devices or Roof Mounted Accessories.	
08-03-0231		-- Antenna Cable Routing Under Dash Panel	2
08-00-0352		-- Load Management System	1
08-02-0612		-- Class 1 VDR/Seat Belt Warn	1
08-01-001A		-- Commander Analog Gauge Aluminum Dash Black	1
08-01-0010		-- Instrumentation Standard Gauge Panel	1
08-00-0326		-- Batteries (4) Group 31	1
08-00-023E		-- Battery Box Driver/Officer Side Hot Dipped Galvanized Steel w/Covers	1
08-00-0249		-- Battery Cables (4)	1
08-00-0251		-- Battery Jumper Studs Front Driver Lower Step	1
08-01-0040		-- Power & Ground Stud 40A Battery Direct / 15A Ignition	1
54-01-1238		-- Ground Lights, Front Bumper, LED, TecNiq Pair	1
08-00-072E		-- Ground Lights LED Techniq Strip Light E10-WS00-1LED	4
08-01-0751		-- Ground Lights Activation with Park Brake	4
08-00-0735		-- Cab Step Lights LED (1 Per Door)	4
08-01-0753		-- Step Lights Activated Respective Side	4
08-00-0783		-- Engine Compartment Work Light LED (2)	1

PART NO	S	DESCRIPTION	QTY
08-00-0796		-- Standard Dome Light Activation	1
08-00-0791		-- Interior Overhead LED Lighting - Red/Clear	1
08-00-4090		Door Open/Hazard Warn Light, Flash, Whelen 3SR00FRR LED Round (Do Not Move)	1
08-00-4103		Door Open Alarm	1
50-41-7100		-- Air Horns Two (2) 24" Round Hadley E-Tone	1
50-41-8140		-- Air Horn Location Two (2) Recess Mounted, Outboard, 1 Each Side	1
50-43-1000		-- Air Horn Controls	1
50-43-2500		-- Air Horn Control, Dual Lanyard Pull Cord	1
56-01-1820		-- Siren, Electronic, Whelen 295SL100	1
56-02-1600		-- Speaker, Fed Sig Dynamax, ES100C 100 Watt	1
56-02-1650		-- Speaker Grille, SST, "R"	1
56-03-1800		-- Speaker Location, To Be Determined by Body Mfg	1
56-06-0450		-- Siren, Fed-Sig, Q2B, Mech, Bumper, Fully Rcstd, Center Q2B-012NNSD	1
		Chrome	
56-07-1900		-- Q2B Siren E-Master Interlock	1
56-07-1800		-- Siren Control, Fed-Sig, Q2B, Rocker, Dual Action, Red, Console Drivers Side	1
56-07-1800		-- Siren Control, Fed-Sig, Q2B, Rocker, Dual Action, Red, Console Officers Side	1
57-02-1240		-- Light Bar, Whelen, Ultra Freedom IV, #F4N0QLED, 60"	1
57-10-0600		-- Light Bar Control, with Master Warning Switch	1
58-03-6300		-- Warning Lights, Whelen, Upper Wing, (2) M6 LED	1
57-20-1200		-- Warn Light, Driver, Whelen, M6, Red LED, Color Lens, Ea	1
57-20-1201		-- Warn Light, Officer, Whelen, M6, Red LED, Color Lens, Ea	1
58-01-2140		-- Flange, Chrome, Warning Light, Whelen, M6, Ea	2
58-03-7300		-- Warning Lights, Whelen, Inboard Position, (2) M6 LED	1
57-20-1200		-- Warn Light, Driver, Whelen, M6, Red LED, Color Lens, Ea	1
57-20-1201		-- Warn Light, Officer, Whelen, M6, Red LED, Color Lens, Ea	1
58-01-2140		-- Flange, Chrome, Warning Light, Whelen, M6, Ea	2
58-09-2000		-- Warning Lights, Whelen, Intersection, (2) M6 LED	1
57-20-1200		-- Warn Light, Driver, Whelen, M6, Red LED, Color Lens, Ea	1
57-20-1201		-- Warn Light, Officer, Whelen, M6, Red LED, Color Lens, Ea	1
58-01-2140		-- Flange, Chrome, Warning Light, Whelen, M6, Ea	2
58-16-2100		-- Warning Lights, Whelen, Lower Mid Chassis (2) M6 LED	1
57-20-1200		-- Warn Light, Driver, Whelen, M6, Red LED, Color Lens, Ea	1
57-20-1201		-- Warn Light, Officer, Whelen, M6, Red LED, Color Lens, Ea	1
58-01-2140		-- Flange, Chrome, Warning Light, Whelen, M6, Ea	2
58-08-0008		-- Lower Zone B and D Light Provided with Body	1
08-01-2020		Back Up Alarm	1
08-02-0770		-- HAAS Alert System	1
08-02-0775		-- HAAS - 5 Year Subscription	1
08-06-0020		Camera System P2P	1
08-06-0012		-- Back Up Camera Only	1
08-06-0110		-- Rear Camera, Driver Monitor w/ Sound	1
08-06-029A		-- Drivers Camera Monitor Located on Dash	1

QUOTATION

General Fire Apparatus

Butte Fire & Rescue; Alaska
 907-861-8125
 Michael.shipton@matsugov.us

General Fire Apparatus-PNWEE
 3924 East Trent Avenue
 Spokane, Washington 99202
 509-242-2710

Quote No: 10023-0028
 06/04/2024

Body

PART NO	S	DESCRIPTION	QTY
== Pumper/Tanker Bid Prep Forms - 901.023 10/03/23 ==			
00-00-000Z		-- == Pricing as of Rosenbauer QW Release APRIL 2024 Price Good through 6/30/24 ==	1
00-00-0120		-- CONFIGURATION ID: 2021B-XXXXX	1
00-00-1100	S	Information Request Form (Factory Required)	1
00-00-1300	S	Butte Fire & Rescue; Alaska	1
00-00-1500	S	MAXIMUM OVERALL HEIGHT 11' feet	1
00-00-1510	S	MAXIMUM OVERALL LENGTH 35' Feet	1
00-00-1519		Overall Width Restriction, NONE	1
00-00-1529		Wheelbase Restriction, NONE	1
00-00-1539		Angle of Approach, NFPA Minimum, 8 Degrees	1
00-00-1549		Angle of Departure, NFPA Minimum, 8 Degrees	1
00-00-1610		NFPA Pumper Equipment Allowance 2500#	1
00-00-1799			1
00-00-3220		Contract Change Notice	1
00-00-3300		Concierge Service	1
00-10-1100		Clarifications to Specifications	1
01-06-0560		Electronic Stability Control	1
01-07-0062		-- Technical Drawings, Representative Drawings (4-View)(Left/Right/Rear/Front)	1
01-07-1100		Change Orders	1
02-02-0100			1
02-02-0300			1
02-03-0500		ISO Compliance	1
02-03-0204		Single Source Response, Commander Chassis, Rosenbauer	1
02-06-0100		User's List - Ten Similar Apparatus	1
01-08-0150		Company History, Rosenbauer America	1
02-10-4000		Delivery (1001 to 1250 miles)	1
02-13-5020		Demonstration (Dealer Supplied)	1
02-13-7200		Body Manufacturer Service & Support Requirements	1
02-13-7300		Local Sales and Service Vehicle Support	1
02-13-7400		Toll Free Service Number	1
== Pumper/Tanker Warranties - 901.023 10/03/23 ==			
01-16-0150		-- Warranty, Apparatus, Body Warranty, 1 Year	1
01-19-0250		-- Warranty, Body, Aluminum, 5 Years	1
01-19-2800		-- Warranty, Subframe, Lifetime Galvanized	1

PART NO	S	DESCRIPTION	QTY
01-20-0200		-- Warranty, Paint, PPG, 5 Years	1
01-21-0150		-- Warranty, Lettering and Striping, 1 Year	1
01-17-0160		-- Pump Warranty, Darley, 10 Years	1
01-17-1050		-- Plumbing Warranty, Stainless Steel, 10 Years	1
01-18-0900		-- Warranty, Water Tank, G3	1
01-33-5150		-- Manuals, Electrical, As Built Body, 1 Set Printed w/Digital Copy	1
01-33-3710		-- In Process Photos	1
01-33-3810		-- Manuals, Body, Complete, Customized, Operation & Familiarization	1
02-90-0500		Chassis, Commander Custom	1
		== Use Drop Down to Add RBM Chassis - 901.023 10/03/23 ==	
		== Pumper/Tanker-DC Electrical Sys ROSENBAUER ONLY - 901.023 10/03/23 ==	
57-01-0900		-- Light Bar, Chassis Supplied	1
58-71-2400		-- Warning Lights, Whelen, Upper Rear Body (2) M9V2 LED	1
		Warn/Scene	
54-15-6100		-- Scene Light Switch, Cab Switch Panel	1
57-20-1600		-- Warn Light, Driver, Whelen, M9V2, Red LED, Color Lens, Ea	1
57-20-1601		-- Warn Light, Officer, Whelen, M9V2, Red LED, Color Lens, Ea	1
58-46-2400		-- Warning Lights, Whelen, Upper Side Front Body (2) M9V2 LED	1
		Warn/Scene Combo	
54-15-1470		-- SceneWarn Light, Mounting Plate, Painted	2
54-15-6100		-- Scene Light Switch, Cab Switch Panel	1
57-20-1600		-- Warn Light, Driver, Whelen, M9V2, Red LED, Color Lens, Ea	1
57-20-1601		-- Warn Light, Officer, Whelen, M9V2, Red LED, Color Lens, Ea	1
58-61-2400		-- Warning Lights, Whelen, Upper Side Rear Body (2) M9V2 LED	1
		Warn/Scene	
54-15-1470		-- SceneWarn Light, Mounting Plate, Painted	2
54-15-6100		-- Scene Light Switch, Cab Switch Panel	1
57-20-1600		-- Warn Light, Driver, Whelen, M9V2, Red LED, Color Lens, Ea	1
57-20-1601		-- Warn Light, Officer, Whelen, M9V2, Red LED, Color Lens, Ea	1
58-00-0700		-- Lower Cab Warning Provided on Chassis	1
58-13-3002		-- Front Intersection Lights Provided on Chassis	1
58-26-2400		-- Warning Lights, Whelen, Lower Mid Body (2) M2W LED, in Rub Rail	1
		Will only fit in EXT rub rail WITHOUT bezel	
57-20-1000		-- Warn Light, Driver, Whelen, M2, Red LED, Color Lens, Ea	1
57-20-1001		-- Warn Light, Officer, Whelen, M2, Red LED, Color Lens, Ea	1
58-01-2100		-- Flange, Chrome, Warning Light, Whelen, M2, Ea	2
58-36-2400		-- Warning Lights, Whelen, Lower Rear Side (2) M2W LED, in Rub Rail	1
		Will only fit in EXT rub rail WITHOUT bezel	
57-20-1000		-- Warn Light, Driver, Whelen, M2, Red LED, Color Lens, Ea	1
57-20-1001		-- Warn Light, Officer, Whelen, M2, Red LED, Color Lens, Ea	1
58-01-2100		-- Flange, Chrome, Warning Light, Whelen, M2, Ea	2
58-81-2000		-- Warning Lights, Whelen, Lower Rear Body (2) M6 LED	1
57-20-1200		-- Warn Light, Driver, Whelen, M6, Red LED, Color Lens, Ea	1
57-20-1201		-- Warn Light, Officer, Whelen, M6, Red LED, Color Lens, Ea	1
50-03-1000		Electrical Base, Standard, W/O Load Management	1
50-05-1510		-- Electrical Junction Box, Weather Resistant	1
51-05-6400		Light, Pump Compt, 12 Volt LED w/Switch	1
51-05-9000		-- Switch on Light Head	1
52-01-1100		Back Up Alarm, w/Chassis	1
52-02-1100		Back Up Camera, Install Chassis Supl'd	1

PART NO	S	DESCRIPTION	QTY
53-01-1200		Marker Lts, LED, DOT Requirements	1
53-02-1200		License Plate Bracket, SST w/ LED Light, Rear	1
53-03-0065		Whelen Rear DOT LED Lighting Package M6	1
53-03-2750		-- Tail/Brake Lights, Whelen, LED, M62BTT (Pair)	1
53-04-2750		-- Turn Signals, Whelen, LED w/ Arrow, M62T (Pair)	1
53-06-3550		-- Backup Lights, Whelen, LED, M62BU (Pair)	1
53-07-1210		-- (4) Light Bezel, Tail Lights, Whelen M6 (Pair), ABS Chrome	1
53-05-1802		Turn Signals, Mid Body, LED Marker Light TechNiq S17-AA2G0-1Chrome (Pair)	1
54-03-1280		-- Ground Lights, Pump Panel , LED, TecNiq Pair	1
54-03-1450		-- Ground Lights, Mid Body , LED, TecNiq Pair	1
54-03-1680		-- Ground Lights, Rear Step , LED, TecNiq Pair	1
54-03-1850		-- Ground Lights, Behind Rear Wheels , LED, TecNiq Pair	1
54-04-1999		-- Light Switch, Ground Lights w/ Park Brake	1
54-10-1450		Step Light, Rear Tailboard, LED, Ea	2
54-11-2100		Light Switch, Step/Walkway Lights Wired Park Brake Switch	1
54-12-1918		Deck Lights, Rear Of Hosebed	1
54-12-1020		-- Deck Light, TecNiq, E10 LED, Four (4) Lights	1
55-11-1100		Door Open/Hazard Warning Light, w/Chassis	1
		== RBM Chassis Modifications - ROSENBAUER ONLY - 901.023 10/03/23 ==	
		==	
10-02-1100		-- Label, Data, Fluid Levels	1
10-02-1300		-- Label, Data, "No Ride" Rear Step	1
10-02-1500		-- Label, Data, Height x Length, Weight - Seating	1
10-02-2500		-- Label, "Caution: Do Not Wear Helmet While Seated"	1
10-03-6000		-- Tow Plates (2), Rear Frame Rail, Under Step	1
80-43-2400		-- Painting, Tow Plates, Black	1
10-06-1602		-- Tire Pressure Indicator, Single Axle, Commander RWTG1235, EXT	1
10-07-0100		-- Exhaust, Horizontal Supplied With Chassis	1
10-08-2100		-- Mud Flaps, Rear Wheels, Black, w/ Body	1
		== Midship Pumper/Tanker Pump & Plumbing - 901.023 10/03/23 ==	
20-04-3200	S	-- S.O.R. / Pump, Darley, PSD 1 Stage, PTO Driven, Mid-Ship Mount All Pump Manufactures recommend that their Pumps are drained after every use and be stored dry. End user is responsible to follow this recommendation.	1
20-04-3120	S	-- S.O.R. / Pump Flow Rating, Darley, PSD 1500 GPM All Pump Manufactures recommend that their Pumps are drained after every use and be stored dry. End user is responsible to follow this recommendation.	1
22-03-1600		-- Intake, Ungated, 6", LH Side	1
22-41-5700		-- Cap, 6", Chrome Long Handle	1
22-03-2600		-- Intake, Ungated, 6", RH Side	1
22-41-5700		-- Cap, 6", Chrome Long Handle	1
20-05-2300	S	-- S.O.R. / Pump Seal, Mech, Darley PSD	1
20-05-3300		-- Pump Shift, Darley, Elec, PTO, Stationary	1
20-29-1200		-- Primer, Trident Air Primer, Automatic	1
20-29-1250		-- Primer Control - Main Pump Rocker Switch	1
27-10-3112		-- Pressure Governor, FRC, Pump Boss Max PBA500-A00 Series, w/Body Dual Sensor	1
21-00-2002		-- Screens/Anodes, Pump, 6"	1
21-00-3300		-- Piping, SST - 1250 GPM & Up	1
21-01-0300		-- Pump Drain, Master, Manifold, Hand Wheel Type	1
21-01-5500		-- Intake Manifold, Stainless Steel	1

PART NO	S	DESCRIPTION	QTY
21-01-6500		-- Discharge Manifold, Stainless Steel	1
21-01-7300		-- Unpainted, Pump & Piping	1
21-01-8100		-- Threads, National Hose (NST)	1
22-51-5110		-- Tank-To-Pump, Water Tank, 3" Valve/4" Piping, PTO/Crossmount	1
22-50-0100		-- Single Tank to Pump Control - Pump Operator's Panel	1
24-62-1300		-- Valve, AKR, 8000, (3")	1
22-55-4012		-- Intake Valve Control, Pull Rod, 1/4 Turn, AKR - IC	1
23-02-1300		-- Tank Fill/Cooling Line, Water Tank, 2"	1
24-62-1200		-- Valve, AKR, 8000, (2")	1
22-55-4012		-- Intake Valve Control, Pull Rod, 1/4 Turn, AKR - IC	1
20-30-3200		-- Pump Installation, Midship PTO, By Body Builder	1
20-31-3600		Dump-Relief Valve, Suction Side, TFT A18	1
20-31-4200		Pump Cooler, Bypass-To-Tank, 1/2"	1
20-31-5100		Heat Exchanger, Engine, Hook-Up Only	1
20-31-1000		-- Fire Pump Testing - Pumpers/Tankers	1
20-31-1100		-- Pump Test, Pumper, UL	1
20-31-1500		-- Pump Test, Label	1
22-12-1100		Intake, Auxiliary, Gated, 2-1/2", NST, Left Side	1
21-01-2502		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn - Spec Only	1
22-41-1100		-- Plug, 2-1/2", Chrome Rocker Lug, w/Chain	1
24-62-1250		-- Valve, AKR, 8000, (2-1/2")	1
22-55-4050		-- Intake Valve Control, AKR, Manual Swing Type-Adjacent	1
22-12-3100		Intake, Auxiliary, Gated, 2-1/2", NST, Right Side	1
21-01-2502		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn - Spec Only	1
22-41-1100		-- Plug, 2-1/2", Chrome Rocker Lug, w/Chain	1
24-62-1250		-- Valve, AKR, 8000, (2-1/2")	1
22-55-4050		-- Intake Valve Control, AKR, Manual Swing Type-Adjacent	1
23-06-2200		-- Crosslay Discharges, (2) 1-1/2", Over Pump Panel, NST w/divider	1
21-00-4000		-- 200-ft of 1-3/4-in Hose Capacity	1
21-01-2502		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn - Spec Only	2
24-61-1200		-- Valve, AKR, 8000, (2")	2
24-53-0020		-- Discharge Valve Control, Pull Rod, 1/4 Turn, SM, AKR - IC w/Gauge	2
27-02-1500		-- Gauge, Discharge, IC, 2-1/2" (0-400 PSI), WF	2
23-07-2100		-- Crosslay Discharge, (1) 2-1/2", Over Pump Panel, NST	1
21-00-4024		-- 200-ft of 2-1/2-in Hose Capacity	1
21-01-2502		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn - Spec Only	1
24-61-1250		-- Valve, AKR, 8000, (2-1/2")	1
24-53-0020		-- Discharge Valve Control, Pull Rod, 1/4 Turn, SM, AKR - IC w/Gauge	1
27-02-1500		-- Gauge, Discharge, IC, 2-1/2" (0-400 PSI), WF	1
23-08-3900		-- Crosslay Cover, Alum, Cargo Web End Flaps	1
23-08-4130		-- Crosslay Trim, Alum Angles, Both Sides	1
23-08-5019		-- Crosslay Discharges, Over Pump Panel, Normal Height	1
23-09-4100		Discharge, 2-1/2", Left Side, Pump Panel, NST	2
21-01-2502		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn - Spec Only	2
24-02-1200		-- Elbow, 2-1/2"F x 2-1/2" NST M, Chrome	2
24-03-1400		-- Cap, 2-1/2", NST Chrome, Rocker Lug, w/Chain	2
24-61-1250		-- Valve, AKR, 8000, (2-1/2")	2
24-53-0020		-- Discharge Valve Control, Pull Rod, 1/4 Turn, SM, AKR - IC w/Gauge	2
27-02-1500		-- Gauge, Discharge, IC, 2-1/2" (0-400 PSI), WF	2
23-10-4100		Discharge, 2-1/2", Right Side, Pump Panel, NST	1
21-01-2502		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn - Spec Only	1
24-02-1200		-- Elbow, 2-1/2"F x 2-1/2" NST M, Chrome	1
24-03-1400		-- Cap, 2-1/2", NST Chrome, Rocker Lug, w/Chain	1

PART NO	S	DESCRIPTION	QTY
24-61-1250		-- Valve, AKR, 8000, (2-1/2")	1
24-53-0020		-- Discharge Valve Control, Pull Rod, 1/4 Turn, SM, AKR - IC w/Gauge	1
27-02-1500		-- Gauge, Discharge, IC, 2-1/2" (0-400 PSI), WF	1
23-10-5100		Discharge, 3" x 3"NST, Right Side, Pump Panel, NST	1
21-01-2502		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn - Spec Only	1
24-02-2500		-- Elbow, LW Alum, 5" Storz x 3"F	1
24-03-2200		-- Cap, LW Alum, 5" Storz, w/Cable	1
24-61-1300		-- Valve, AKR, 8000, (3")	1
24-53-0300		-- Discharge Valve Control, Pull Rod, 1/4 Turn, SM, AKR Slow Close - IC w/Gauge	1
27-02-1500		-- Gauge, Discharge, IC, 2-1/2" (0-400 PSI), WF	1
23-13-3100		Discharge, 2-1/2", Left Rear, NST	1
21-01-2502		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn - Spec Only	1
24-02-1200		-- Elbow, 2-1/2"F x 2-1/2" NST M, Chrome	1
24-03-1400		-- Cap, 2-1/2", NST Chrome, Rocker Lug, w/Chain	1
24-61-1250		-- Valve, AKR, 8000, (2-1/2")	1
24-53-0020		-- Discharge Valve Control, Pull Rod, 1/4 Turn, SM, AKR - IC w/Gauge	1
27-02-1500		-- Gauge, Discharge, IC, 2-1/2" (0-400 PSI), WF	1
23-13-3200		Discharge, 2-1/2", Right Rear, NST	1
21-01-2502		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn - Spec Only	1
24-02-1200		-- Elbow, 2-1/2"F x 2-1/2" NST M, Chrome	1
24-03-1400		-- Cap, 2-1/2", NST Chrome, Rocker Lug, w/Chain	1
24-61-1250		-- Valve, AKR, 8000, (2-1/2")	1
24-53-0020		-- Discharge Valve Control, Pull Rod, 1/4 Turn, SM, AKR - IC w/Gauge	1
27-02-1500		-- Gauge, Discharge, IC, 2-1/2" (0-400 PSI), WF	1
24-11-3200		Monitor Discharge, 3", Over Midship Pump Enclosure, NPT	1
21-01-2500		-- Drain/Bleeder, IC Lift-Up, Manual 1/4 Turn	1
24-61-1300		-- Valve, AKR, 8000, (3")	1
24-53-0300		-- Discharge Valve Control, Pull Rod, 1/4 Turn, SM, AKR Slow Close - IC w/Gauge	1
27-02-1500		-- Gauge, Discharge, IC, 2-1/2" (0-400 PSI), WF	1
24-17-1220		-- Monitor, TFT, Monsoon, RC, Alum, 3"FL x 3.5"M NH, No Nozzle Y4-E11A	1
24-17-1900		-- Monitor, Wireless Remote Control, TFT YE-RF-900	1
24-18-7308		-- Nozzle, Master Stream, TFT, M-ERP1500-NN, Elec, 3.5" NST, 1500GPM	1
24-18-8400		-- Monitor, Tele Ext, 18", TFT, Elec, 3", Vic x RLM, #XGA38VL-RL	1
		== Pumper/Tanker-Side Mount Pump Compt - 901.023 10/03/23 ==	
26-02-2300		Pump Enclosure, Side Mount, Extruded Alum, 50-59"W, Crosslays	1
26-30-1100		Running Board, LH Pump Panel, Alum T/P, SM	1
26-30-1150		Running Board, RH Pump Panel, Alum T/P, SM	1
26-31-3340		Pump Side Access Door, Upper RH, Line X	1
26-35-5100		Pump Panel, Line X, LH/RH, SM	1
26-35-1300		-- Pump Panel, Hinged, LH	1
26-35-1400		-- Pump Panel, Hinged, RH	1
26-50-1220		Heater, Pump Enclosure, 49,000BTU, w/Switch Inside Pump House Inspection Door	1
26-50-1230		-- Heater Fan Switch, Pump Operator's Panel	1
26-50-1400		-- Thermostat, Heater, Pump Enclosure, w/Manual Override on Pump Panel	1
26-50-3100		Heat Pan, Pump Enclosure, Midship, Slide Out Panel, Galvanized Steel	1
26-50-4100		Gasket, Rubber, Pump Enclosure/Body Flex Joint	1
26-50-5100		Gasket, Rubber, Intakes & Discharges	1
26-50-7100		Arctic Insulation Package	1

PART NO	S	DESCRIPTION	QTY
26-55-1100		Labels, Test Data and Safety Placards	1
26-55-2400		Labels, Innovative Controls Color Coded	1
26-56-1125		Pump Panel LED Lights, (3) Tecniq E10-W0001-1, Midship LH w/Switch on Operator P	1
26-56-1225		Pump Panel LED Lights (2), Midship RH, Tecniq E10-W0001-1	1
26-56-2000		Pump Panel Light (1), Actuated w/Pump Engagement	1
27-01-2620		-- Master Gauges BEZEL Assembly w/Test Taps, IC, 4" PSI(400) #3001496-40401-40401	1
27-35-1100		Water Tank Gauge, FRC, TankVision Pro 300, Pump Panel WLA300-A00 == HLHD/HRHD Single Axle Pumper/Tanker - 901.023 10/03/23 ==	1
25-26-1900		-- Water Tank, 2000 Gallon, Pumper/Tanker, Poly	1
25-25-0060		-- Water Tank, "T" Tank	1
25-44-1500		-- Water Tank, Fill Tower, 12" x 12"	1
25-42-1100		-- Water Tank, Base Specs, Poly	1
25-42-1200		-- Water Tank, Manufacturer, UPF, Poly	1
25-62-1260		-- Quick Dump, Rear 10", External Mount w/Swivel Dump	1
25-62-2300		-- Quick Dump, Rear 10", Single Elec Open/Close Control	1
25-62-2650		-- Quick Dump, Rear 10", SST	1
25-62-4300		-- Quick Dump Chute, Rear, Swivel Dump, Rosenbauer	1
25-62-4310		-- Handle, Cast, Lower Chute, Swivel Dump	1
29-10-1000		Hosebed, Grating, Extruded Alum, <180" Long	1
29-10-5100		-- Hosebed, Storage Capacity, 55 Cubic Feet, Minimum	1
29-10-8100		Hosebed, Divider, 1/4" Alum	2
29-10-8300		-- Hosebed, Divider, Handhole Cutouts	2
29-20-2000		Hosebed Cover, Vinyl, <180" L, <74" W, Velcro	1
29-20-5602		-- Vinyl Color, BLACK	1
30-00-0299		Raw Material Surcharge - Single Axle	1
30-01-1800		Body Construction - Rosenbauer FX - 1/8" Alum - SA Pumper/Tanker	1
30-01-2250		-- Electrolysis Corrosion Control	1
30-02-2200		-- Smooth Alum Compt Floors	1
30-10-1100		-- Sub-Frame, Hot-Dip Galv	1
30-10-1010		-- Sub-Frame, Hot-Dip Galv (Design Notice)	1
31-01-1300		-- Body, Formed Alum, Pumper/Tanker, Up to 220"	1
44-06-2200		-- Wheel Well Panel, Alum Painted, Single Axle - Alum	1
44-06-4300		-- Fenderette, Polished Stainless Steel SST	1
31-01-2135		102" OAW, 13-26" Half Depth Both Sides, SA HL/HR	1
29-00-1300		-- Hosebed, Pumper, <180" L, 74" Wide	1
32-03-0070		-- Compt Height, 72" High Left	1
32-03-1070		-- Compt Height, 72" High Right	1
32-04-1230		Roll Up Doors, HL/HR	1
30-02-1140		-- Roll-Up Doors - Amdor	6
30-02-1260		-- Door Strap, EZ-Pull Down, Ea	6
32-05-1120		-- Ahead Rear Wheels - Full Height Comp't - Roll Up Door - Natural Finish	1
44-40-1100		-- Vents, Compts, Louvers, Includes Filters (Ea)	1
45-01-1050		-- Shelving Tracks, (2) Unistrut, Alum	1
55-01-5114		-- Strip Light, LED Luma Bar, (2) Ea Compartment	1
55-06-1100		-- Compartment Light, Door Switch, Auto, Ea	1
32-05-1355		-- Upper High Side - Single Comp't - Roll Up Door - Natural Finish	1
44-40-1100		-- Vents, Compts, Louvers, Includes Filters (Ea)	1
45-01-1050		-- Shelving Tracks, (2) Unistrut, Alum	1
55-01-5114		-- Strip Light, LED Luma Bar, (2) Ea Compartment	1
55-06-1100		-- Compartment Light, Door Switch, Auto, Ea	1
32-05-1720		-- Behind Rear Wheels - Full Height Comp't - Roll Up Door - Natural Finish	1

PART NO	S	DESCRIPTION	QTY
44-40-1100		-- Vents, Compts, Louvers, Includes Filters (Ea)	1
45-01-1050		-- Shelving Tracks, (2) Unistrut, Alum	1
55-01-5114		-- Strip Light, LED Luma Bar, (2) Ea Compartment	1
55-06-1100		-- Compartment Light, Door Switch, Auto, Ea	1
32-06-1120		-- Ahead Rear Wheels - Full Height Comp't - Roll Up Door - Natural Finish	1
44-40-1100		-- Vents, Compts, Louvers, Includes Filters (Ea)	1
45-01-1050		-- Shelving Tracks, (2) Unistrut, Alum	1
55-01-5114		-- Strip Light, LED Luma Bar, (2) Ea Compartment	1
55-06-1100		-- Compartment Light, Door Switch, Auto, Ea	1
32-06-1455		-- Upper High Side - Single Comp't - Roll Up Door - Natural Finish	1
44-40-1100		-- Vents, Compts, Louvers, Includes Filters (Ea)	1
45-01-1050		-- Shelving Tracks, (2) Unistrut, Alum	1
55-01-5114		-- Strip Light, LED Luma Bar, (2) Ea Compartment	1
55-06-1100		-- Compartment Light, Door Switch, Auto, Ea	1
32-06-1720		-- Behind Rear Wheels - Full Height Comp't - Roll Up Door - Natural Finish	1
44-40-1100		-- Vents, Compts, Louvers, Includes Filters (Ea)	1
45-01-1050		-- Shelving Tracks, (2) Unistrut, Alum	1
55-01-5114		-- Strip Light, LED Luma Bar, (2) Ea Compartment	1
55-06-1100		-- Compartment Light, Door Switch, Auto, Ea	1
33-60-1100		Rear Body - Flat Back	1
32-08-0600		-- No Rear Compt	1
33-61-1300		-- Rear Step - Pumper/Tanker Body - Bolt-On - 12"	1
45-02-1200		-- Shelf, Adjust, Alum 1/8"	6
45-30-1300		-- Turtle Tile, Shelves/Trays, (each)	6
45-05-1100		-- Slide Tray, 250#, Alum 1/8", Full Extension	4
45-30-1400		-- Turtle Tile, Compartment Floor	6
90-02-3120	S	S.O.R. / Ladder Storage, Rear Slide, Horizontal Thru Tank - 2000 Gal	1
90-02-2920		-- Compartment Door, Smooth, With Chevron	1
90-02-5310		Ladder Mounting, Folding Attic, Internal	1
90-03-0225		Ladders, Ground, Provided By Body Builder, SD	1
90-16-5200		Pike Pole Mounting Tube, Internal, Ea	2
90-16-6115		Pike Pole Provided By, Body Builder SD	2
90-25-7100		Suction Hose Tray, Driver Side Over Cmpts (Ea)	1
90-25-7200		Suction Hose Tray, Passenger Side Over Compts (Ea)	1
90-25-9115		Suction Hose Provided By, Body Builder, SD	1
		== Pumper/Tanker-Common Body Parts - 901.023 10/03/23 ==	
33-66-1160		-- Steps - Folding - Front - Left Hand (4) - Integral LED Lights	1
33-66-2160		-- Steps - Folding - Front - Right Hand (4) - Integral LED Lights	1
33-70-3600		-- Handrails, Pumper, Top of Body Sides, Front, 12", Pair	1
44-01-1450		-- Body Trim, Front Compt, Height of Side Compts, Alum T/P	1
44-01-6000		-- Catwalks, Top of Side Compts, Door Header, Alum Treadplate	1
44-01-4000		-- Body Trim, Entire Rear Body, Smooth for Chevron Stripe	1
33-62-4120		-- Steps - Folding - Rear - Left Hand (2) - Integral LED Lights	1
33-62-4220		-- Steps - Folding - Rear - Right Hand (2) - Integral LED Lights	1
33-62-5500		-- Step - Bolted - Treadplate - Rear Intermediate - 74"	1
33-70-1400		-- Handrails - Rear Step - Vertical - 60" - Pair	1
33-70-2300		-- Handrails, Pumper, Below Hosebed, Horizontal, 72"	1
44-02-1100		-- Rub Rails, Lower Body, Extruded Alum	1
44-02-2000		-- Rub Rails, Spacers, Nylon	1
44-11-5100		Wheel Well Provisions, Ahead of Wheels Left Side	1
44-10-9148		-- Wheel Well Provisions, Single SCBA, Poly Tube, SST Door, (Fire Shopp) 7.75" diameter opening 101 body 26" deep 98 body 24.50" deep	1

PART NO	S	DESCRIPTION	QTY
		95 body 23" deep	
44-10-6000		-- Wheel Well Provisions, SCBA Compt Straps	1
44-11-5300		Wheel Well Provisions, Behind Wheels Left Side	1
44-07-1710		-- Fuel Fill Door Assy, BSST, SST Pocket, LH Wheel Well Panel, (Fire Shopp)	1
44-11-5500		Wheel Well Provisions, Ahead of Wheels Right Side	1
44-10-9148		-- Wheel Well Provisions, Single SCBA, Poly Tube, SST Door, (Fire Shopp) 7.75" diameter opening	1
		101 body 26" deep	
		98 body 24.50" deep	
		95 body 23" deep	
44-10-6000		-- Wheel Well Provisions, SCBA Compt Straps	1
44-11-5700		Wheel Well Provisions, Behind Wheels Right Side	1
44-10-9148		-- Wheel Well Provisions, Single SCBA, Poly Tube, SST Door, (Fire Shopp) 7.75" diameter opening	1
		101 body 26" deep	
		98 body 24.50" deep	
		95 body 23" deep	
44-10-6000		-- Wheel Well Provisions, SCBA Compt Straps	1
== Pumper/Tanker-AC Electrical System - 901.023 10/03/23 ==			
60-17-0001			1
60-17-1110	S	-- S.O.R. / Inverter/Charger Kussmaul Auto Power 3000w w/Transfer Sw	1
50-16-1100		-- Display, Bar Graph, Single Battery Bank 091-199-001	1
50-20-1600		-- Shore Power Inlet, KUSS Super Auto-Eject 20 Amp, W/Digital Display	1
		091-55-194	
50-20-1120		-- Shore Power Inlet, Left Front Cab Door	1
60-20-4050		-- Circuit Breaker Box, 3 to 5KW, 1 PH	1
60-20-5100		-- Generator Breaker Location, Side Compartment	1
60-20-8100		-- Generator Wiring, Type SO Cable, Rubber Covered	1
60-25-1410		-- Receptacle, 120V, 20 Amp, Straight Blade, Duplex w/USB	3
60-30-2370		-- Receptacle Location, Left Side, Behind Rear Wheels Compartment, Ea	1
60-30-2400		-- Receptacle Location, Right Side, Ahead Rear Wheels Compartment, Ea	1
60-30-2470		-- Receptacle Location, Right Side, Behind Rear Wheels Compartment, Ea	1
64-01-0020		Light Tower Provided and Installed by Chassis Mfg	1
== Pumper/Tanker-Equipment Systems - 901.023 10/03/23 ==			
== Pumper/Tanker - Single Axle - Pnt/Ltr/St - 901.023 10/03/23 ==			
80-22-1504		Body Paint, Single Axle, Pumper/Tanker - Single Color	1
80-06-1100		-- Apparatus Color The apparatus shall be ____ in color.	1
80-30-1100		Compt Finish, Spatter Coat, Up to 6 Compts	1
80-40-1100		Wheels, Aluminum, By the Chassis Manufacturer	1
80-42-1500		Body Paint, Touch Up, 2 oz. Bottle, One Color	1
80-44-1400		Undercoating, Body, Single Axle	1
80-50-2000		Lettering, 4" Scotchlite Reflect, Seventy-Five (75) Letters	1
80-70-2000		Stripe, Single Reflective, 6", "Z" Design	1
80-73-1100		-- Reflective Pin Stripe Black	1

PART NO	S	DESCRIPTION	QTY
80-75-1600		-- Reflective Stripe Material, White	1
80-72-1100		Stripe, Reflective 3M, Chevron Pattern Entire Rear	1
80-79-1000		NFPA Standing / Walking Surfaces Yellow Safety Tape (NFPA 1901 15.7.1.6) == Pumper/Tanker - Loose Equipment - 901.023 10/03/23 ==	1
90-01-5900		Wheel Chocks Pair Zico #SAC-44 Folding w/ Mounts	1
90-03-1400		-- Ladder, Roof, Alco-Lite, 14' Aluminum PRL-14	1
90-06-1500		-- Ladder, Extension, Alco-Lite, 24' Aluminum, 2-Section PEL-24	1
90-08-1500		-- Ladder, Attic, Alco-Lite, 10' Aluminum, Folding FL-10	1
90-16-2300		-- Pike Pole, 6' Fiberglass, Round Handle	1
90-16-2800		-- Pike Pole, 10' Fiberglass, Round Handle	1
90-25-3100		-- Suction Hose, Flex, PVC, 6"x10'	2
90-25-6100		-- Suction Hose Couplings, Aluminum, LH FM x RLM	2

Approximate Center of Gravity Calculated

City Name: BUTTE, AK

Chassis Vertical Center of Gravity From Ground		
Tilt Table		From Manufacture
Chassis Track Width-	0.00	41
Degree to Tip Over-	1.00	
Chassis CG (inches)-	0.00	

Ground to Top of Frame-	41
Rear Axle Track Width-	74

	Overall Height of Load	Top of Frame Rails to Bottom of Load	CG Above Frame	Weight	Vertical Moment (Inch Lbs)
Tank & Water (& Foam)- Lower	12	1.5	7.5	3515	26364
Tank & Water (& Foam)- Upper	41.05	13.5	34.02516	15049	512037.8553
Hose	11.70	57.80	63.65016	1265	80517.45471
Pump	18	10	19	2322	44118
Body	86.5	-17	26.25	3960	103950
Ground Ladders	28	13.5	27.5	131	3602.5
Chassis	See Above		0.00	20847.1	0
Personnel <small>(If 0 included in Chassis Weight)</small>	56	4	32	1250	40000
Equipment	72	-16.5	19.5	4214	82173
Aerial Device	See Drawing			0	0
Total			16.99	52553.1	892762.81

CG Above Ground 57.99

Verticle Center Of Gravity
Height Compared To Track
Width 78.36% SEE NOTE 1
(To Be Less Than 80%)

Horizontal Center of Gravity 89.30
(From Rear Axle)

Rosenbauer - South Dakota

DEPARTMENT: BUTTE, AK

PROJECT: 1210

Wheel Base	226
C A	166
Cab to Pump Compartment	3
Pump Compartment	50
Tank Length Lower	176
Tank Length Upper	176
Body Length	180
Total Tank Capacity	2000
Aerial Size	0



Percent of Weight to Front Axle		
Water (& Foam) Lower	Body	Pump
9.73%	9.73%	61.06%
Water (& Foam) Upper	Aerial	Hose
9.73%	NA	10.18%

	TOTAL WT	FRONT WT	REAR WT	
Water (& Foam) Lower	3,515	342	3,173	
Water (& Foam) Upper	15,049	1,465	13,584	
Body	3,960	385	3,575	
Pump	2,322	1,418	904	
Aerial	0	0	0	
Chassis	20,847	14,987	5,860	
Miscellaneous Equipment	1,714	486	1,228	
SUB TOTAL	47,407	19,084	28,323	
NFPA 1901 Equipment Allowance	2,500	345	2,155	
Additional Equipment Allowance	0	0	0	
NFPA Personnel Load 5	1,250	1,195	55	
Hose Load	1,265	129	1,136	
Ground Ladders	131	13	118	
	0	0	0	Side-to-Side Tire Load Variation
TOTAL	52,553	20,764	31,789	1.8%
		39.51%	60.49%	

NOTE: Weights shown are approximate

Proposed chassis information:	Brand:	RB	Crew Doors:	4	
		2 Wheel Drive			GVWR
Axle Capacities:	Front:	22,800	Rear:	33,000	55,800
Estimated Chassis Weight: (includes +5% variance)	Front:	14987	Rear:	5860	

NOTE: Chassis weights **MUST BE VERIFIED** by the **DEALER**. Dealer will be responsible for confirming the axles are adequate for the proposed apparatus. 1000# extra capacity per axle is recommended.