


SUBJECT: Award contract number 24-006C to Pierce Manufacturing Inc for the contract amount of \$621,009.00 for the Accident Repair of One 2021 Pierce Enforcer Tanker / Pumper Apparatus.

AGENDA OF: February 6, 2024

ASSEMBLY ACTION: Approved under the consent agenda 02/06/24 - BJH

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

Route To:	Signature
Purchasing Officer	X  1/18/2024 <small>Signed by: Russ Kraft</small>
Emergency Services Director	X Ken Barkley 1/18/2024 <small>Signed by: Ken Barkley</small>
Finance Director	X Liesel Weiland for CH 1/19/2024 <small>Signed by: Liesel Weiland</small>
Borough Attorney	X Nicholas Spiropoulos 1/19/2024 <small>Signed by: Nicholas Spiropoulos</small>
Borough Manager	X Michael Brown 1/19/2024 <small>Signed by: Michael Brown</small>
Borough Clerk	X Lonnie McKechnie 1/24/2024 <small>Signed by: Lonnie McKechnie</small>

ATTACHMENT (S): Repair Center Estimate (9p)

SUMMARY STATEMENT: Central Mat-Su Fire Department Pumper-Tender 62 is a 2021 Pierce Velocity fire truck, assigned to Fire station 62 on Knik-Goose Bay Drive. On November 2nd, 2023 during an active ice storm, it was responding to a motor vehicle accident and was damaged as the result of a slow roll-over onto its side, after partially coming off the roadway.

The apparatus was inspected for free by the manufacturer at the MSB DES Fleet maintenance facility. An estimate for the repairs of just under \$650,000 was provided by Pierce, the original manufacturer. The existing apparatus can be shipped to the manufacturer's facility, repaired and returned by 8/1/2024.

For comparison, the current cost of a new replacement apparatus of matching design and capabilities is currently \$1,500,000.00 and are expected to increase this spring. The expected time to receive

a replacement apparatus from time of order, is currently predicted at 24-36 months.

In accordance with MSB 3.08.170(B), Administration requests authority to modify the resulting contract completion date by 90 days for unforeseen circumstances.

The Emergency Services Department, Fleet Services Division will be administering the contract.

RECOMMENDATION OF ADMINISTRATION: Approve the subject action memorandum.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: February 6, 2024

SUBJECT: Award of bid number 24-083C to Pierce Manufacturing for the contract amount of \$621,009.00 to Accident Repair of One 2021 Pierce Enforcer Tanker / Pumper Apparatus.

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT YES NO
AMOUNT REQUESTED \$621,009 *	FUNDING SOURCE Fire Service Capital Projects
FROM ACCOUNT # 405.000.000 4xx.xxx	PROJECT# 45066
TO ACCOUNT :	PROJECT #
VERIFIED BY: _____ 1 / 1 9 / 2 0 2 4 ___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: 1/18/2024	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	621.0					
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REVENUE						
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FUNDING: (Thousands of Dollars)

General Fund						
State/Federal Funds						
Other	621.0					
TOTAL	621.0					

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary) *Contingent upon the approval of ORD 24-018 presented on 1/16/24

PREPARED BY: _____ PHONE: _____

DEPARTMENT: _____ DATE: _____

1 / 1 9 / 2 0 2 4

X L i e s e l W e i l a n d _____

APPROVED BY: _____ DATE: _____

S i g n e d b y : L i e s e l W e i l a n d



**MIDWEST SERVICE & REPAIR CENTER
ESTIMATE**

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DEALER Hughes		CUSTOMER Central Mat-Su, AK		ADDRESS		PIERCE CONTACT Jarid McKeever	
NO. UNITS 1	ESTIMATE DATE 11-30-23	BODY MODEL Tanker/Pumper, PUC		CHASSIS Enforcer		REF. JOB NO. 34962-02	
						START DATE	

ACCIDENT REPAIR OF: 2021 Pierce Enforcer Tanker/Pumper
Vin# 4P1BAAGF4MA022693

Item	Item Description	Material	Labor Hrs.	Qty.	Sublet
	<p><u>SHIPPING PRECAUTIONS</u> The following shipping precautions must be completed before transportation of the fire department's apparatus to Pierce Manufacturing for refurbishment or repair. <i>Failure to complete the listed items below may result in additional costs to the fire department.</i></p> <ol style="list-style-type: none"> 1. All water tanks, foam tanks, pumps, all inlets and discharge plumbing, all drains, and any other plumbing are to be completely drained prior to being driven or flat-bedded. 2. Strip down all loose equipment unless arranged with Pierce prior to shipping in order to make the repair process easier and to eliminate the potential for lost equipment while the unit is being refurbished or repaired. 3. All loose or potentially loose items should be taped or strapped to ensure they do not come loose during transit. 				

	Engineering		10		
	The following incoming inspections will be performed: <ul style="list-style-type: none"> • Chassis • Pump • Electrical • Body • Road 		12		
	CHASSIS				
	Inspect the Engine lower bearings, crankshaft journals. Reinstall new oil pan gasket, filters, and oil				\$5,868.00
	Inspect engine exterior for damage once cab is removed	OPEN	2		
	Ship chassis to frame shop Check frame for diamond, twist, and sidesway – repair as required. Align front and rear axles.		2		\$5,800.00
	Replace both hydraulic cab lock latches, isolators and latch downs and latch down mounting brackets	\$1,002.00	3		
	Replace driver side front rear axle outside wheel. Dismount tire, mount, and balance tire on new wheel	\$1,058.00	2		
	FRONT BUMPER EXTENSION				
	Remove and reinstall Q2B, front discharges, decking, center tray, front bumper, front bumper extension, air horns	\$25.00	12		
	Replace driver side 4way deck plate	\$215.00	1		
	CAB				
	Remove and reinstall passenger side headlights, warning lights cab grill, windshield wipers, and passenger side front door.	\$35.00	7		
	Cut out and replace passenger side front cab sheet	\$902.00	30		
	Remove and reinstall cab headliners	\$25.00	15		

Remove and reinstall Wil-Burt light tower. Send light tower out to manufacture and test for proper operation	\$500.00	5		
Remove and reinstall ceiling mounted HVAC. Recharge A/C system	\$125.00	9		
Remove and reinstall upper cabinets on interior cab backwall and ceiling	\$10.00	5		
The following seats with side roll curtains will be replaced: <ul style="list-style-type: none"> • Driver seat • Officer seat • Passenger side rear facing seat • Driver side rear facing seat 	\$3804.00	8		
Remove and replace all 6 cab seat belts, S4S units, SRA high back, modules, and mounting hardware	\$13,177.00	10		
Remove and Replace 5 SCB A Hands-Free Brackets	\$4,555.00	5		
Remove and reinstall driver side cab side window and Whelen M6V2 warning light	---	3		
Replace driver side crew cab door, reinstall door latch, window regulator, door pans, windows, and door hinge	\$2,468.00	6		
Replace driver side crew cab outside door handle	\$289.00	---		
Remove and replace driver side crew cab bolt in step	\$327.00	1		
Remove and replace driver side crew cab step light	\$349.00	1		
Remove and replace cab rear wall upper and lower 4way on driver and passenger side.	\$815.00	5		
Remove and reinstall HI-Viz lights and light bars on crew cab roof	\$10.00	4		
Remove and reinstall crew cab seats	\$15.00	3		
Remove and reinstall cab interior backwall panel and side panels	\$10.00	7		
Remove and reinstall crew cab EMS cabinets	---	3		
Cut out and replace crew cab roof	\$13,275.00	65		
Check driver side crew cab door opening for square	OPEN	1		
Remove and replace driver side crew cab S/S door jam	\$89.00	3		
Remove and reinstall upper glass above driver side crew cab door	---	2		
Remove and replace handrail by driver side crew cab door	\$315.00	2		
Remove and replace Whelen M9 warning light and bezel on driver side crew cab panel	\$417.00	1		

Remove and replace S/S corner trim on driver side rear wall.	\$45.00	2		
Cut out and replace driver side crew cab panel and tubing	\$815.00	26		
Remove and replace driver side outside backwall tubing	\$315.00	12		
Remove and replace driver side rear upper wall sheet as required	\$165.00	7		
PUMHOUSE/PLUMBING				
Replace driver and passenger side crosslay module	\$13,320.00	6		
Replace crosslay module inside and outside 4way	\$789.00	4		
Replace driver side crosslay roll up door	\$1,690.00	2		
Remove and replace driver side lower pump panel	\$515.00	4		
Remove and replace driver side flip out running board and mounting bracket	\$585.00	2		
Remove and replace passenger side lower pump panel	\$515.00	3		
Remove and replace entire pump heat shield pans and enclosure assembly	\$1,210.00	10		
Remove and reinstall passenger side crosslay roll up door	---	3		
Remove and replace left door track on passenger side crosslay roll up door	\$135.00	---		
Remove/reinstall new water tank. Disconnect/reconnect all plumbing going through the water tank	\$15.00	9		
Replace water tank matching original foam and water capacity	\$36,100.00	---		
Remove and replace water tank cradle	\$1,463.00	5		
Remove and reinstall side dump chutes. Test for proper operation	OPEN	4		
Remove and reinstall pump panel, gauges, operating handles in D4 compartment	\$25.00	55		
TOP OF BODY				
Remove and reinstall Hannway cord reel in cargo area	\$10.00	2		
Remove and reinstall Harrison generator in cargo area. Check hydraulic fluid level, fill as needed and test for proper operation.	\$25.00	9		
Remove and reinstall CAFS compressor in cargo area. Test for proper operation.	\$10.00	25		
Disassemble/reassemble hosebed area for water tank removal	---	10		
Replace hosebed grating, 2 dividers and hosebed divider mounting extrusion	\$4,974.00	---		
Replace hosebed vinyl hose restraint	\$255.00	2		

	Replace cargo 4-way floor	\$678.00	3		
	Replace driver and passenger side hosebed 4way cover doors, handles, hinges and 4way hatch framework	\$9,210.00	35		
	Remove and replace hosebed FRP Led floodlight and mounting bracket	\$84.00	2		
	BODY REPLACEMENT				
	Replace rear body matching original design and layout, <ul style="list-style-type: none"> remove/reinstall body interior shelving, trays, wire harness, passenger side front and rear false bulkheads, roll up door drip pans. Passenger side warning lights, Passenger side rear DOT lights, rear access ladder, passenger side air bottle compartment doors 	\$76,868.00			
	Remove old body from chassis /reinstall new body on chassis	\$200.00	80		
	Measure and adjust all body supports	---	2		
	DRIVER SIDE BODY				
	Replace driver and passenger front bulkhead 4-way	\$588.00	3		
	Replace D1 and D4 rubrails	\$650.00	2		
	Replace wheel chock bracket mounted under D4 compartment	\$191.00	1		
	Remove and reinstall wheel chock bracket mounted under D1 compartment	\$5.00	2		
	Replace D1, D2, D3, D4, and Driver side crosslay roll up door	\$19,164.00	9		
	Replace DEF S/S door, hinge, and latch	\$254.00	1		
	Replace Truck-Lite on driver side fender panel	\$84.00	1		
	Replace air bottle compartment and mounting bracket mounted in driver side fender panel	\$1,196.00	4		
	Remove and reinstall DEF tank	\$10.00	2		
	Replace S/S dump chute door, hinge, and garnish ring on driver side fender panel	\$326.00	2		
	Replace 2 driver side rear fender crowns on body	\$818.00	3		
	Remove and reinstall side warning light on driver side fender panel	\$5.00	1		
	Remove and reinstall S/S fuel door	\$5.00	1		
	Replace divider in D4 compartment	\$145.00	2		
	Remove and reinstall toolbox in D4 compartment	\$5.00	2		

Replace false bulkhead in D4 compartment	\$130.00	1		
Remove and reinstall swing out tool board in D3 compartment	\$5.00	3		
Replace D2 shelf and shelf tracks	\$86.00	2		
Remove and reinstall D1 pull out tray, 2 shelves and shelf tracks	\$5.00	4		
Replace 4-way floor in D1 compartment	\$105.00	2		
Replace D1 false bulkhead	\$130.00	1		
Replace 8 strip lights mounted inside driver side body compartments	\$896.00	4		
Replace 2 Hi-Viz LED scene lights mounted on driver side upper body	\$3,352.00	3		
Replace M9 warning light and bezel on driver side upper body	\$417.00	1		
Replace Whelen M6V2 warning light on driver side upper body	\$1,010.00	1		
Replace PSTANK2 light and bezel mounted on driver side upper body	\$265.00	2		
Replace body molding trim on driver side upper body	\$48.00	2		
Replace side camera mounted on driver side upper body	\$219.00	3		
Replace 8 "Big Dipper" lights on driver side upper body	\$45.00	4		
REAR BODY				
Replace DOT lights and common bezel on driver side rear bulkhead	\$487.00	2		
Replace Pioneer PCPSM1 spot/flood light on driver side rear bulkhead	\$1,103.00	1		
Replace M9 upper warning light and bezel on driver side rear bulkhead	\$417.00	1		
Remove and reinstall M6 warning light on driver side rear bulkhead	---	1		
Replace PSTANK light and bezel on driver side rear bulkhead	\$265.00	1		
Replace cup switch for dump chute on driver side rear bulkhead	\$52.00	1		
Replace S/S corner trim on driver side rear body	\$45.00	1		
Replace lower 4-way step and step light on driver side rear bulkhead	\$135.00	2		
Replace lighted handrail and stanchions on driver side rear bulkhead	\$364.00	2		
Replace hard suction hose door, hinge, and latch on driver side rear bulkhead	\$185.00	2		
Replace rear body smooth aluminum chevron sheeting for entire rear body	\$543.00	4		
Remove and reinstall R1 lap door	\$5.00	2		
Replace rear 4-way door, latch, and hinge on rear body	\$269.00	2		
Replace all inner 4-way and 4-way steps on rear of body	\$1,275.00	10		
Remove and reinstall ladder compartment door on rear of body	\$5.00	2		

Remove and reinstall 2 upper hosebed access handrails on rear body	\$5.00	2		
Remove and reinstall rear camera and camera cable on rear body	\$5.00	10		
Remove and reinstall step lights on rear body	\$10.00	2		
Remove and reinstall hosebed access ladder on rear body	\$15.00	5		
Replace hard suction hose door, hinge, and latch on passenger side rear bulkhead	\$185.00	2		
Replace 3 garnish rings on rear of body	\$66.00	2		
Remove and reinstall passenger side DOT lights and bezel	\$10.00	2		
Remove and reinstall Pioneer light on passenger side rear bulkhead	\$5.00	1		
Remove and reinstall M9 warning light on passenger side rear bulkhead	\$5.00	1		
Remove and reinstall dump chute cup switch on passenger side rear bulkhead	\$5.00	1		
Remove and reinstall M6 warning light on passenger side rear bulkhead	\$5.00	1		
Remove and reinstall license plate bracket on passenger side rear bulkhead	\$5.00	1		
Replace S/S corner trim on passenger side rear body	\$45.00	1		
Remove and reinstall curved handrail on passenger side rear body	\$15.00	2		
Remove and reinstall rear tailboard	\$10.00	3		
PASSENGER SIDE BODY				
Remove and reinstall passenger side roll up doors	\$20.00	9		
Remove and reinstall passenger side drip pans	\$10.00	5		
Remove and reinstall passenger side rubrails	\$15.00	3		
Remove and replace exhaust heat shield under P4 compartment	\$150.00	1		
Remove and reinstall passenger side fender crowns. Replace welting	\$47.00	3		
Remove and reinstall passenger side S/S air bottle compartment doors	\$5.00	2		
Remove and reinstall passenger side air bottle compartments	\$10.00	5		
Remove and reinstall passenger side S/S dump chute door	\$5.00	1		
Remove and reinstall warning light on passenger fender panel	\$5.00	1		
Remove and reinstall Truck Lite on passenger side fender panel	\$5.00	1		
Replace body molding trim on passenger side upper body	\$48.00	2		
Remove and reinstall M9 light on passenger side upper body	\$5.00	2		
Remove and reinstall M6v2 warning light on passenger side upper body	\$5.00	2		

	Remove and reinstall 2 Hi-Viz scene lights on passenger side upper body	\$10.00	3		
	Remove and reinstall camera and camera cable on driver side upper body	---	10		
	Remove and reinstall tool board, pull out tray in P1 compartment	\$10.00	12		
	Remove and reinstall false bulkhead in P1 compartment	\$5.00	2		
	Remove and reinstall shelf and shelf track in P2 compartment	\$5.00	5		
	Remove and reinstall tool board and mounting tracks in P3 compartment	\$5.00	6		
	Remove and reinstall divider, and 2 pull out trays in P4 compartment	\$10.00	8		
	Remove and reinstall P4 false bulkhead	\$5.00	1		
	Remove and reinstall compartment interior strip lights	\$10.00	6		
	PAINT				
	Sand, wash mask, paint, and buff the following areas: <ul style="list-style-type: none"> • passenger side front skin • driver side cab side sheet • driver side crew cab door • driver side crew cab side panel • cab backwall • cab roof • Body interior • Body exterior • Crosslay module 	\$7,920.00	370		
	GRAPHICS				
	Replace the following graphics matching original design, material. <ul style="list-style-type: none"> • Scotchlite strip on passenger front cab • Goldleaf strip on front cab • “PUMPER-TENDER” lettering on front of cab • Goldleaf strip on side panel of driver side cab • 1-6-1 strip on driver side crew cab door • PUMPER-TENDER” lettering on driver side crew cab door • Gold leaf strip driver side crew cab door • 1-6-1 strip on driver side crew cab panel • Gold leaf strip on driver side crew cab panel • Fire dept. seal on driver side crew cab panel • Gold leaf strip on driver side crosslay door • 1-6-1 strip on driver and passenger side body 	\$12,498.00	100		

