



Memorandum

To: Scott Niehaus, Village Manager

Through: Carl Goldsmith, Director of Public Works *CG*

From: Tom Ellis, Operations Superintendent *TE*

Date: April 27, 2022

Subject: Emergency Repair, Ladder tower FS52

Staff contacted Underwriters Laboratory (UL) to conduct the NFPA Apparatus Aerial Inspection for unit FS52, 100' aerial ladder tower. During the inspection on 3/16/22, several corrective items were identified by the inspector for immediate attention. There were some minor mechanical items that have been repaired by staff. The inspector identified several areas of corrosion (rust) on key components of the ladder tower and a dent on a main structural component of the ladder assembly. The inspector has given the Village 90 days to complete the repairs that were identified before having to start the inspection process over again.

Due to dent being on a structural component of the ladder assembly, the manufacturer had to conduct a structural engineering appraisal for the dented area to ensure the internal integrity of the structural component and that it could be repaired without effecting the ladder certification. After a review, the manufacture has determined that the dent may be repaired and refered staff to Chandler Services, Inc of Mokena IL. Chandler is familiar with the manufacture's specifications for repairing a dent in a structural member of the ladder assemble.

Staff contacted Chandler Services and scheduled FS52 to have the Ladder repaired and have Chandler address the corrosion areas identified by the UL inspector and maintain the 90 day deadline to avoid having to start a new inspection process.

Staff is recommending the approval of the emergency repairs to Chandler Services, Inc. Mokena, Il in an amount not to exceed \$31,985.00.

Please place this item for consideration on the May 5, 2022 Board agenda.



Chandler Services, Inc.

**10203 W. 191st Street
Mokena, IL 60448**

Phone: (708) 478-4200 Fax: (708) 478-4204

Email: collision@chandler-services-inc.com Tax ID: 36-3070210

Date:	4/6/2022	Year:	2007
Reference #:	014940002417	Make:	Pierce
Estimated By:	David Chandler	Model:	Dash
Name:	LOMBARD FD	Unit #:	T44
Address:	50 E ST CHARLES RD	VIN:	4P1CD01H67A007651
City/State/Zip:	LOMBARD, IL 60418	Style:	
Phone:	- -	Plate/State:	-
Cell Phone:	- -	WMI:	FIN:
Purchase Order:		Odometer:	
Customer Number:	014940002417	Color:	
Claim Contact:		Date Of Loss:	
Contact Title:		Authorized By:	
Contact Phone:	x	Claim Number:	
Contact Email:		RO:	JOB#19346

Operation	Description	Part #	Type	Labor	Paint	-----Parts-----	Misc
----- AERIAL PLATFORM -----							
1	^ Replace	SANDBLAST CYLINDERS	New	3.00	5.00		\$300.00
2	^	REMOVE CONCRETE GRIP		10.00			
3	* Repair	SANDBLAST PLATFORM			25.00		\$1,000.00
4	^ R&I	CONTROL TOWER		7.00			
5	^ R&I	RAILINGS		6.00			
----- LADDER -----							
6	* Repair	SANDBLAST LADDER SECTIONS			19.00		\$500.00
7	^ R&I	REMOVE MISC COMPONENTS		4.00			
8	^ Repair	REPAIR DENT IN LADDER	F	8.00			
----- Custom Services -----							
9		Prep For Delivery	CS	2.00			\$20.00
----- Calculated Values -----							
10	^	Shop Supplies	Mtrls				\$399.00
11	^	Hazardous Waste					\$15.00
12	^	Truck Cover	Mtrls	2.00		@ \$68.00	\$0.00
13	^	Two stage paint.			14.80		
14	^	Paint Materials	Mtrls				\$2,556.00

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Estimate Notes:



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Estimated By:	David Chandler	Model:	Dash
Name:	LOMBARD FD	Unit #:	T44

Summary	Amount	Rate	Disc	Total
Body Labor	24.0	\$95.00	0.00%	\$2,280.00
Paint Labor	63.8	\$95.00	0.00%	\$6,061.00
Mechanical	0.0	\$115.00	0.00%	\$0.00
Frame	8.0	\$105.00	0.00%	\$840.00
Misc. Labor	10.0	\$95.00	0.00%	\$950.00
Parts	\$68.00		0.00%	\$68.00
Misc.				\$4,790.00
Sub-total				\$14,989.00
Sales Tax				0.00

Total				\$14,989.00
Betterment				\$0.00
Deductible				\$0.00
Grand Total				\$14,989.00



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Date: 4/6/2022
Reference #: 014940002417
Estimated By: David Chandler
Name: LOMBARD FD

Year: 2007
Make: Pierce
Model: Dash
Unit #: T44



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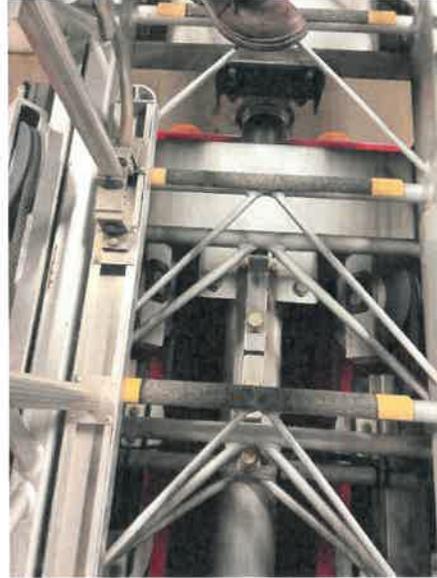
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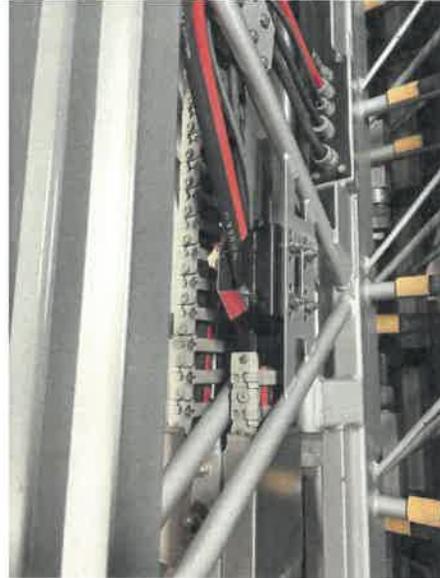
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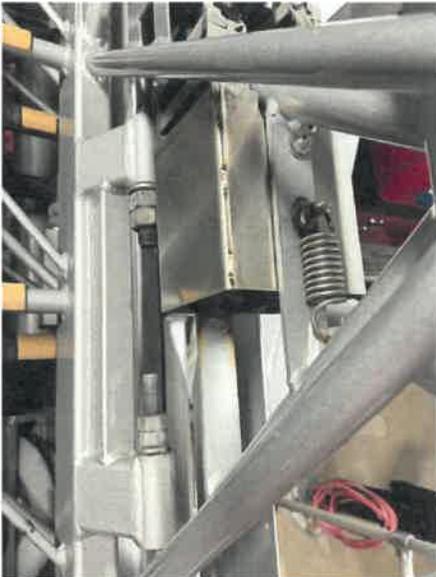
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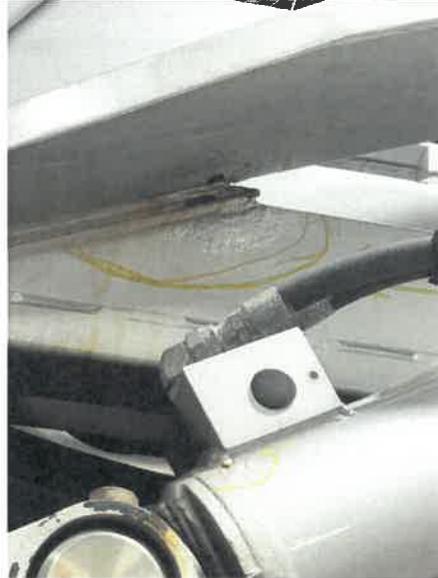
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Reference #:	014940002417	Make:	Pierce
Estimated By:	David Chandler	Model:	Dash
Name:	LOMBARD FD	Unit #:	T44

TERMS & CONDITIONS

The above is an estimate based on inspection and does not cover additional parts or labor which may be required after the work has been started. Occasionally worn or damaged parts are discovered which may not have been evident on the first inspection. Because of this, the above prices are not guaranteed. Quotations on parts and labor are current and subject to change.

Signed _____ Date _____



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Date:	4/6/2022	Year:	2007
Reference #:	014940002418	Make:	Pierce
Estimated By:	David Chandler	Model:	Dash
Name:	LOMBARD FD	Unit #:	T44
Address:	50 E ST CHARLES RD	VIN:	4P1CD01H67A007651
City/State/Zip:	LOMBARD, IL 60418	Style:	
Phone:	- -	Plate/State:	-
Cell Phone:	- -	WMI:	FIN:
Purchase Order:		Odometer:	
Customer Number:	014940002418	Color:	
Claim Contact:		Date Of Loss:	
Contact Title:		Authorized By:	
Contact Phone:	x	Claim Number:	
Contact Email:		RO:	JOB#19346

Operation	Description	Part #	Type	Labor	Paint	-----Parts-----	Misc
----- FRAME RAILS -----							
1	* Repair	SANDBLAST		15.00			\$5,400.00
2	* Repair	REFINISH RAILS AND OUTRIGGERS WITH DTM			50.00		
----- Custom Services -----							
3		Prep For Delivery	CS	2.00			\$75.00
----- Calculated Values -----							
4	^	Shop Supplies	Mtrls				\$180.50
5	^	Hazardous Waste					\$15.00
6	^	Truck Cover	Mtrls	2.00		@ \$68.00	\$0.00
7	^	Two stage paint.			18.00		
8	^	Paint Materials	Mtrls				\$2,992.50

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Summary	Amount	Rate	Disc	Total
Body Labor	19.0	\$95.00	0.00%	\$1,805.00
Paint Labor	68.0	\$95.00	0.00%	\$6,460.00
Mechanical	0.0	\$115.00	0.00%	\$0.00
Frame	0.0	\$105.00	0.00%	\$0.00
Misc. Labor	0.0	\$95.00	0.00%	\$0.00
Parts	\$68.00		0.00%	\$68.00
Misc.				\$8,663.00
Sub-total				\$16,996.00
Sales Tax				0.00

Total				\$16,996.00
Betterment				\$0.00
Deductible				\$0.00
Grand Total				\$16,996.00



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