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FC-R-2019-06
CUMBERLAND FIRE DISTRICT
Resolution

RESOLUTION: Authorizing the Business Manager to pay Ralco Equipment Company, Inc., an amount not to exceed \$4,258.23.

WHEREAS: Ralco Equipment Company, Inc., has made repairs to Engine 4.

WHEREAS: All repairs have been made with the approval of the Chief.

**NOW, THEREFORE, BE IT RESOLVED BY THE CUMBERLAND FIRE DISTRICT AS
FOLLOWS:**

RESOLVED: The Business Manager is authorized to pay Ralco Equipment Company, Inc., an amount not to exceed \$4,258.23.

Voted on this 26th day of March 2019



Cynthia Ouellette, Chairperson

PASSED:

YAY: 6 NAY: 0

Ralco Equipment Company, Inc
 51 Ralco Way/PO Box 35
 Cumberland, Rhode Island. 02864-0035
 Phone: 401-726-3095 Fax: 401-726-6950
 We do the job once and we do it right!

INVOICE

9961

Org. Est. # 016722
 RI Inspect Station 155C
 ralcotruck45@gmail.com

Date: 02/20/2019

INVOICE

Cumberland Fire Department - Chief Finlay
 3502 Mendon Road
 Cumberland, RI 02864
 Office 401-658-0544 -- Cellular 401-474-0314 Fin

2004 Pierce - Enforcer Fire Engine - Cummins ISL 400 4635207
 Lic # : 1185 Odometer In : 65679
 Unit # : E4
 VIN # : 4P1CT02AX 4A003781
 Engine Hrs In : 5099.0 Engine Hours Out : 0.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
Cut Off Wheel 01989	2.00	11.93	23.86	Power steering system filling up with engine oil.	n/c
Roloc Disc 01407	2.00	10.99	21.98	Inspect unit and system. Found power steering pump leaking engine oil through main seal and allowing oil to enter power steering system from engine, filling up system. Recommend replacement of power steering pump with OEM Eaton unit direct from Pierce.	
Cap Screw Kit 8B38X175CK	4.00	2.71	10.84	Contact Pierce and locate new unit. Charge direct to customer account with Chiefs approval.	
Metal Spacer Plate 5862SP94	2.00	11.79	23.58	Remove and replace power steering pump assembly.	n/c
HD U-Bolt Clamp 35774	4.00	15.94	63.76	Jack up unit and remove left wheel and tire for access. Remove pressure and suction lines form power steering pump. Remove mounting hardware and gaskets. Drain complete system. Set up and flush complete system with solvent flush solution followed by fresh ATF. Once clean, install new power steering pump assembly with new gasket and sealer. Replace retainers and torque. Install hi pressure fittings and replace o-rings. Reconnect lines. Remove and replace power steering hydraulic filter in reservoir and secure. Fill with fresh fluid. RUn unit and bleed. Found no power steering due to faulty pump shipped form pierce. Customer needed truck for the weekend so, remove lines and retainers. Drain system. Remove power steering pump retainers. Remove pump and gasket. Install new gasket and original pump assembly. Seal and secure. Re install fittings and liens. Fill with fresh fluid and bleed of air. Contact pierce and order new replacement pump as needed for install at later date.	
HD Alum Exh Connector Pipe 424-10A	1.00	73.64	73.64		
SS 304 Alloy Flex Pipe 49034	3.00	49.66	148.98		
Welding Wire .030 ER70S6	1.00	19.76	19.76		
HD Alum Exh Connector Pipe CN41840	1.00	59.83	59.83		
Alum Straight Exh Pipe 67400AL	1.00	49.23	49.23		
HD Exh Muffler Assy 4x4x9 M4490	1.00	346.29	346.29	Remove and replace leaking muffler and broken piping on exhaust system.	n/c
Alum 90 Deg Ex Elbow Long 10490-18A	1.00	78.22	78.22	Cut off leaking and rotted muffler, hangers, straps and retainers. Remove tail pipe and hardware. Remove header pipe and broken flex pipe from hanger, supports and turbo. Main pipe has multiple bends and both ends rotted. Cut off rotted ends and install necessary adapters and piping on each end. Dress to fit. Weld and secure both ends on original main pipe. Install main pipe and new section of stainless steel flex pipe to turbo. Hang and secure with new u-bolt clamps and spacer plates. Install new turbo clamp and secure. Secure flex pipe with new stainless steel band clamps.	
Alum Straight Exh Extension Pipe 16400AL	1.00	27.64	27.64	Install new HD 9 inch round muffler assembly on outlet of main pipe. Install new hangers and tension springs. Secure with new retainers and hardware. Install new tail pipe with necessary adapters, long elbow, extension pipes and hangers. Seal and secure all joints with new clamps. Install double end saddle clamps at tail pipe end to accept fire house vent tube. Run unit and retorque all retainers. Spray complete system with galvanized paint to extend life and resist rot.	
Alum Exh Connector CN4141	1.00	25.62	25.62		
Exh Reducer Pipe R50-41A	1.00	38.77	38.77		
Metal Saddle Bracket 40038HF	2.00	14.43	28.86		
Cap Screw Kit 8B38X550CK	2.00	6.91	13.82		
Steel Hanger Bracket 2063954	2.00	95.63	191.26	Inspect driver side cab lift cylinder, dust seal damaged.	n/c
SS T-Bar V-Clamp 995MC-0412	1.00	39.03	39.03	Inspect unit and found dust seal damaged however no signs of leakage at this time. In order to replace dust seal, piston and end needs to be removed and disassembled. After consulting with the chief we agreed to deal with this issue if the piston starts to leak fluid and not until that time. Operation is not hindered and the cab lift system is working correctly.	
Horiz Tension Spring 1596072	2.00	9.44	18.88		
Cap Screw Kit	2.00	5.27	10.54	Remove and replace engine air filter with previously ordered unit.	n/c

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 Unit # : E4
 VIN # : 4P1CT02AX 4A003781
 Engine Hrs In : 5099.0 Engine Hours Out : 0.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
8B50X375CK				Disconnect intake and remove clamps and retainers. Remove and replace original air filter with new unit. Secure in clamps and intake. Tighten and adjust as needed.	
HD SS Seal Clamp X004482	8.00	23.67	189.36		
Power Lube 05006	1.00	7.53	7.53	Remove and replace power steering pump assembly, n/c 2/19/2019.	
Surf Cond Disc 7480	1.00	6.82	6.82	Receive replacement pump from Pierce and schedule repairs. Jack up unit and remove left wheel and tire for access. Remove pressure and suction lines form power steering pump. Remove mounting hardware and gaskets. Drain complete system. Set up and flush complete system with solvent flush solution followed by fresh ATF.	
Galvanite Galvanized Cmpd 20010	1.00	33.45	33.45	Once clean, install new power steering pump assembly with new gasket and sealer. Replace retainers and torque. Install hi pressure fittings and replace o-rings. Reconnect lines. Remove and replace power steering hydraulic filter in reservoir and secure. Fill with fresh fluid. Run unit and bleed. Re install wheel and tire and road test unit once repairs complete. Verify operation of steering system and no further issues found.	
HD Thick Panel Washer 8HTPW716X125	4.00	4.37	17.48		
Air Filter w/ Housing PA30037	1.00	134.82	134.82	NOTE: Send original faulty pump back tp Pierce for credit to customer account.	
Citrus Degreaser SW985	2.00	16.95	33.90	NOTE: Mileage for second pump install on 2/19 is 65906	
Alum Surf Cond Disc 7513	2.00	8.81	17.62	Labor charge for all repairs listed above, performed on 2,043.88 two separate dates.	
HD Solvent Flush Solution 6197-483	8.00	5.98	47.84	Labor rate reduced from 108.50 per hour to 98.50 per hour as always for CFD.	
O-RING 3-908-N0552	6.00	4.32	25.92	Environmental Fee	15.95
O-RING 3-916-N0552	3.00	6.07	18.21		
Assy Lube SL3331	1.00	10.17	10.17		
Metal Lined Flange Gasket 4988280	3.00	9.87	29.61		
Silicone Sealer 81878	1.00	11.92	11.92		
Metric Cap Screw Kit 12B72966	2.00	4.93	9.86		
Hyd P/S Filter P545	2.00	19.38	38.76		
Flat Top Reservoir Seal OR2965	1.00	14.79	14.79		
AUTO. TRANS. FLUID 33123	24.00	8.89	213.36		
Brake Clean C32	2.00	6.32	12.64		
Shop Supplies			9.95		

[Recommendations]

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Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
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				Right side (passenger) steering box lower cover missing and leaking at shaft seal.	
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Org. Estimate 4,258.23 Revisions 0.00 Current Estimate 4,258.23

Labor:	2,043.88
Parts:	2,198.40
HazMat:	15.95
SubTotal:	4,258.23
Tax:	0.00
Total:	4,258.23
Bal Due:	\$4,258.23

[Payments -]

Vehicle Received: 2/20/2019

Customer Number : 934

I hereby authorize the above repair work to be performed. I hereby grant you or your employees permission to operate the car or truck herein described on street, highways, etc for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above car or truck to secure the amount of repairs thereto. All sums shall become due and payable upon completion. All legal, attorney, and/or collection fees pursuant to this contract shall be paid to Ralco Equip Co by the undersigned

Signature _____ Date _____

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