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FC-R-2018-24-A
CUMBERLAND FIRE DISTRICT
Resolution

RESOLUTION: Authorizing the Business Manager to pay Ralco Equipment Co, Inc. an amount not to exceed \$4,115.81.

WHEREAS: Ralco Equipment Co., Inc. has made repairs to Ladder 1.

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 Co., Inc. an amount not to exceed \$4,115.81.

Voted on this 28th day of August, 2018


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

9740

Org. Est. # 016472
 RI Inspect Station 155C
 ralcotruck45@gmail.com

Date: 08/21/2018

INVOICE

Cumberland Fire Department - Chief Finlay 3502 Mendon Road Cumberland, RI 02864 Office 401-658-0544 -- Cellular 401-474-0314 Fin	2010 Pierce - Arrow XT Ladder Truck - Cummins ISM 10.8 L 66 Lic #: 2625 Unit #: Ladder 1 VIN #: 4P1CA01E6 AA011124 Odometer In : 41703
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Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
O-Ring Seal Kit 3032746	1.00	7.06	7.06	Fuel tank leaking.	n/c
F/W Seperator BF1259	1.00	41.70	41.70	Support rear of truck. Drain fuel from unit. Remove straps and support tank. Remove filler tube and vent tubes. Lower tank and remove lines and fittings. Remove sender electrical connections. Remove tank from truck. Locate new OEM fuel tank and straps.	
HD Lube Filter Upgrade BD50000	1.00	97.57	97.57	Transfer fittings and seal to new unit, replace 90 deg flare fittings as needed. Remove and replace fuel gauge sending unit and gasket. Secure and seal. Install mud flap rubber cushions on top of tank where unit sits against frame rail. Secure with double sided tape.	
ENGINE OIL 15W40	44.00	7.26	319.44	Install tank in position. Reconnect fuel lines, sender harness.	
Power Lube .05006	1.00	7.53	7.53	Secure and insulate. Jack tank into position and install new stainless strap sand fuel strap insulation. Secure with new retainer.	
EX Life Coolant 238-8648	4.50	9.08	40.86	Reconnect fill and vent tubes. Replace clamps as needed. Fill tank with removed fuel and verify operation and no leaks. Remove from supports.	
Brake Clean C32	2.00	6.32	12.64	NOTE: Fuel Tank, Straps, Sender unit charged direct to Cumberland Fire at OEM dealer.	
Transynd Fluid 7101CTCS	2.00	33.66	67.32	Perform major preventative maintenance special.	n/c
Coolant Filter B5134	1.00	35.05	35.05	Change engine oil, oil filter(s), fuel filter(s). Check all engine fluid levels and add to fill. Check all gear case fluid levels. Check front end and all steering linkage. Check exhaust system. Check drive line and all u-joints. Check springs, air bags, and all suspension components. Check brake system and adjust. Check all exterior lights, lenses, and reflectors. Check function of over head cargo box door if equipped. Check battery condition and charging system.	
SYN GEAR LUBE 31809	3.25	9.81	31.88	Lubricate complete unit. Perform complete service inspection.	
FLUIDS/GREASE CITMISC	1.00	31.95	31.95	Repair leaking oil filter remote fittings, o-rings blown.	n/c
Cut Off Wheel 01989	2.00	11.93	23.86	Remove oil filter during service. Free up and remove hi pressure oil liens from filter head and o-ring fittings. Remove mounting hardware and remove filter head and bracket from truck. Clean complete unit.	
Surface Cond Disc 7485	2.00	6.97	13.94	Remove hi pressure o-ring fittings. Clean and replace o-rings. Install and torque to specs. Re install filter head and bracket on truck. Secure. Install lines and lubricate. Install new oil filter during service. Run unit and verify no leaks.	
Cap Screw Kit 8B716X225CK	6.00	3.28	19.68	Repair exhaust.	n/c
HD 90 Exh Elbow 1059-18	1.00	64.96	64.96	Previously written up that muffler supports broken and hole in muffler form straps. Locate new OEM units and ship in. Cut off and remove muffler and tail pipe. Remove broken hangers. Install new OEM muffler and secure with new straps and hangers. Replace retainers.	
HD Intermediate Pipe 1250-40	1.00	59.82	59.82	Install new tail pipe sections made up of necessary straight and elbow piping. Install new clamps and rear hangers where necessary. Install clamps on end of pipe to accept fire house vent.	
HD Exh Coupling 1641-50	1.00	37.44	37.44	Run unit and verify no leaks, retighten all clamps as needed.	
HD Tail Pipe Ext 1252-29	1.00	53.79	53.79	NOTE: Muffler and straps purchased direct form OEM and charged to Cumberland Fire.	
Exh Hanger Assy 874322	2.00	24.02	48.04	Inspect problem with rear drive axle transverse torsion bar.	n/c
Screw Kit 8B38X200CK	4.00	2.92	11.68	Torsion bar written up by inspection company on rear axle. Inspect unit and found bushings walking out. Contact OEM and order new unit. 4-5 days away. Will replace at later date once unit arrives.	
HD Exh Clamp 35757	5.00	17.86	89.30	Labor Charge for All Above Repairs	2,339.38
				Labor rate reduced from 108.50 per hour to 98.50 per hour as always for CFD.	

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2010 Pierce - Arrow XT Ladder Truck - Cummins ISM 10.8 L 66
 Lic # : 2625 Odometer In : 41703
 Unit # : Ladder 1
 VIN # : 4P1CA01E6 AA011124

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
Retainer Rod Threaded Both Ends 8RT38X550CK	2.00	9.44	18.88	Perform a/c system flush and service.	n/c
NUT 8HN38C	12.00	0.87	10.44	Evacuate system of any refrigerant using necessary equipment.	
SS Seal Band Clamp X004484	5.00	23.64	118.20	Hook up to valves and vacuum system for 30 minutes. Allow unit to sit for one hour to check for vacuum leak down. Charge system with appropriate amount of refrigerant and oil. Check pressure readings and system operation. Check duct temperatures and leak test.	
Cut Off Wheel 93403	2.00	10.96	21.92	NOTE: A/C system loses refrigerant is seems from upper roof mounted units. Charge system and vacuum with no source of leaks, however pressure may be building up due to clogged or faulty condensor and valve up top. Not familiar enough with roof top unit to disassemble and repair and can not find the source of the problem. Will continue to charge system to get crew through the summer as needed at no additional cost, however recommend a/c system and roof top units be diagnosed by OEM or manufacturer to permanently identify an repair issues.	
Roloc Disc 01406	2.00	10.99	21.98		
Hi Temp PFT Lubricant 1412525	1.00	13.87	13.87		
Sandpaper 02175	6.00	2.29	13.74	NO CHARGE for service and parts pertaining to a/c charge.	
Rst Tgh Primer 20-1631	1.00	13.98	13.98	Environmental Fee	15.95
Tgh Paint 20-1615	1.00	14.82	14.82		
HD Rubber Isolator Cushion 5163036	2.00	28.70	57.40		
DbI Sided Adhesive 06381	72.00	0.96	69.12		
Rubber Channel Webbing 327304	10.00	5.93	59.30		
Retainer Tie 100637	8.00	2.71	21.68		
SS Flat Washer 8FW58Fss	4.00	3.46	13.84		
SS Lock Nut 8NLN58SS	4.00	4.84	19.36		
Flange Gasket 286FS35	1.00	4.67	4.67		
SS Hdw Mounting Kit 707932	1.00	8.44	8.44		
Anerobic Sealer 51813	1.00	8.37	8.37		
Ring Terminal RT8	3.00	2.82	8.46		
Shrink Tube Seal 31662	5.00	2.13	10.65		
SS Retainer Screw 5HN1032SS	3.00	1.02	3.06		

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 Lic # : 2625
 Unit # : Ladder 1
 VIN # : 4P1CA01E6 AA011124
 Odometer In : 41703

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
VINYL INSUL CLAMP 2550/C	2.00	3.14	6.28		
HD Brass 90 Deg Flare Fitting 50MP90FL	1.00	8.29	8.29		
HD Brass 90 Deg Flare Fitting 50MP9010FLR	1.00	9.22	9.22		
Teflon Tape 06195	1.00	2.79	2.79		
VINYL INSUL CLAMP 3878/C	4.00	4.36	17.44		
HOSE CLAMP 9232	2.00	4.83	9.66		
Emery Cloth 05002	15.00	0.68	10.20		
O-RING 3-916-N0552	2.00	6.65	13.30		
Grease Lube SL3331	1.00	6.78	6.78		
Retainer Washer/Nut 862956	2.00	9.44	18.88		
Shop Supplies			9.95		

[Recommendations]

Front tires showing some toe wear. Recommend full alignment.
 Rear drive axle tires will need replacement prior to winter.
 Traverse torque arm assembly on rear drive axle needs replacement, on order from OEM.
 Compartment lights should be rewired to individual isolated circuits with junction box and new lighting.

Org. Estimate 4,115.81 Revisions 0.00 Current Estimate 4,115.81

Labor:	2,339.38
Parts:	1,760.48
HazMat:	15.95
SubTotal:	4,115.81
Tax:	0.00
Total:	4,115.81
Bal Due:	\$4,115.81

[Payments -]

Vehicle Received: 8/21/2018

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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