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2 **FC-R-2016-27**

3 **CUMBERLAND FIRE DISTRICT**

4 **Resolution**

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6 **RESOLUTION:** Authorize the payment to RALCO Equipment Company for \$3,929.01

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8 **BE IT RESOLVED BY THE CFD COMMITTEE AS FOLLOWS:**

9  
10 **WHEREAS:** Truck 1 needed operational required repairs.

11 **WHEREAS:** RALCO Equipment is a recognized repair vendor of CFD

12 **WHEREAS:** All work was completed as charged to acceptable standards

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

15 **RESOLVED:** This authorizes the payment of \$3,929.01 out of account 1008

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17 Approved this 8<sup>th</sup> day of June, 2016

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20 Bruce A. Lemois, Chairman

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19 

20 Debra Auclair, Clerk

21 **YAY:**                      **NAY**  
**7**    **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**

**8819**

Org. Est. # 015421  
 RI Inspect Station 155C  
 ralcotruck45@verizon.net

**INVOICE**

Vehicle Received: **05/27/2016**

Invoice Date: **05/27/2016**

**Cumberland Fire Department - Chief Finlay**  
 3502 Mendon Road  
 Cumberland, RI 02864  
 Office : 401-658-0544 Cellular : 401-474-0314 Fin  
 Cust ID : 934

2000 KME - KME Fire Appartus Tandem Axle - ISM 450 HP  
 Lic # : 690 - RI Odometer In : 53197  
 Unit # : Truck 1  
 VIN # : 1K9AF648X YN058211  
 Hat # : 14900

Part Description / Number	Qty	Sale	Ext	Labor Description	Extended
Brake Clean C32	2.00	5.32	10.64	Repair air leak on rear of unit, air leaking form exhaust on service valve assy	n/c
Service Maxi Brake Chamber MA3036SB	1.00	277.45	277.45	Inspect unit and found service valve has two ABS valves attached to it. Unit is bought as an assembly. Verify air leak at exhaust. Disconnect service lines from rear brake chambers and release brakes. Found right rear brake chamber bleeding air back through service line into abs valve and out service valve exhaust. Recommend replacement of bleeding brake chamber to correct air leak.	
Washer 8FW58F	2.00	2.63	5.26		
LOCK NUT 8SLN58C	2.00	4.29	8.58	Remove and replace right rear brake chamber.	n/c
HD Forged Yoke Assy R810019	1.00	49.94	49.94	Disconnect air lines and back off brake shoes. Remove mounting hardware. Remove pins and retainers. Remove brake chamber. Install new chamber, and cut push rod to length. Install new jam nut and self adjusting two pin yoke assy. Install unit on truck and secure with retainers. Transfer and replace fittings where needed.	
Jam Nut 8HN58F	1.00	3.03	3.03	Connect to slack adjuster and reconnect air lines. Adjust brakes. Start unit and verify operation and no bleed back to air valve. All areas now working correctly.	
Clevis Pin 25R125CP	1.00	9.67	9.67		
Clevis Pin 50H150CP	1.00	18.52	18.52	Install customer supplied air tank drains w pull handles.	n/c
Lock Pin 286-126	2.00	1.22	2.44	Unit equipped with 4 tanks, customer supplied two air tank drains. Remove upper most air tank drains and install new customer supplied units. Secure and seal. Run pull cable to inner aluminum body box frame. Drill mounting hole and install clamp. Secure and crimp pull handle line as needed. Test operation.	
Grease Fitting GF172218	2.00	3.61	7.22	Order two additional units and install in two lower tanks per customer request. Perform same procedure as above.	
Brass Redcuer Bushing 38FMPH50MP	2.00	5.79	11.58	Locate and repair engine coolant leaks.	n/c
Brass 45 Street Elbow 38MP45SE	1.00	7.22	7.22	Pressurize coolant system and found three of four shut off valves leaking on right side of engine. Drain coolant. Remove necessary hoses and lines for access. Heat and remove all four original shut off valves. Clean and remove broken retainers from block. Install new fittings and secure. Install four new shut off valves in system.	
Brass 90 Street Elbow 38MP90SE	1.00	7.09	7.09	Re route, seal and insulate hoses. Reinstall all previously removed lines for access. Replace clamps. Fill with coolant and bleed system. Run unit and verify repairs.	
Hose Divider 11549	2.00	9.37	18.74		
Steel Bushing Adapter 27960057	4.00	12.63	50.52	Inspect problem with squealing belt.	n/c
HD Air Tank Drain RKN21004	2.00	39.41	78.82	A/C Compressor mounted incorrectly and tipping forward due to broken bolts in bracket. Disconnect and remove belt. Remove a/c compressor mounting bolts. Remove bracket. Remove broken bolts from block. Clean and re thread. Install bracket and add steel support. Secure and weld as needed. Dress areas.	
Insulated Clamp 25316TC	4.00	2.03	8.12	Reinstall a/c compressor and secure with new 4 bolt mounting kits as original. Install new drive belt and adjust. Lubricate all pulleys. Shim areas as needed for proper belt alignment. Run unit and verify operation.	
Cable Crimp 767-0724	4.00	6.23	24.92		
Retainer Bolt Kit 8B25X100CK	4.00	1.19	4.76	Lubricate and top off all fluids.	n/c
Steel Hx Head Bushing 82960053	2.00	14.72	29.44	Jack up unit and perform complete chassis lubrication. Check and top off all fluids as needed.	
Steel Bushing 83112178	1.00	19.58	19.58	Remove and replace customer supplied pressure filter for hydraulic system. Remove hydraulic filter housing. Remove and replace filter with	n/c

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 Hat # : 14900

Part Description / Number	Qty	Sale	Ext	Labor Description	Extended
Reducer Nipple 50217004	3.00	11.19	33.57	customer supplied unit. Secure and seal. Locate source of over head cab heater leaking coolant.	n/c
HD 90 Deg Shut Off Valve VB106389258	4.00	29.77	119.08	Over head cab heaters leaking coolant due to leaking heater cores inside unit. During above shut off valve replacement, shut off valves as these supply coolant to over head heaters. Will research price and availability of heater cores and contact with estimate.	
Female Tee Fitting 3838FB	2.00	19.83	39.66		
HOSE CLAMP 9210	4.00	3.61	14.44	Labor Charge	2610.25
HOSE CLAMP 9216	4.00	4.16	16.64	Environmental Fee	15.95
HOSE CLAMP 9220	2.00	4.59	9.18		
Rubber Wrap Insul 18503RWI	5.00	3.38	16.90		
Silicone Sealer 81878	1.00	4.96	4.96		
VINYL INSUL CLAMP 2578IC	6.00	2.32	13.92		
RETAINER 2537RT	6.00	1.41	8.46		
Assy Lube SL3331	1.00	6.78	6.78		
EX Life Coolant AF3000	18.00	8.49	152.82		
Spiral Extractor 2106678	1.00	21.66	21.66		
Retainer Bolt Kit 8B716X175CK	6.00	2.62	15.72		
Surf Cond Disc 7485	3.00	5.97	17.91		
Spacer/Shim 2025516	4.00	5.29	21.16		
Retainer Bolt Kit 8B38X200CK	2.00	2.79	5.58		
Retainer Bolt Kit 8B38X250CK	2.00	3.23	6.46		
Drive Belt 9610HD	1.00	43.97	43.97		
Metal Support Bracket 6135282	1.00	37.66	37.66		
Welding Rod 6011	3.00	1.28	3.84		

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Part Description / Number	Qty	Sale	Ext	Labor Description	Extended
FLUIDS/GREASE	1.00	28.95	28.95		
CITMISC					
Shop Supplies			9.95		
				<b>[ Recommendations ]</b> Input seal on forward rear end minor seepage.	

Org. Estimate 3,929.01 Revisions 0.00 Current Estimate 3,929.01

<b>Labor:</b>	<b>2,610.25</b>
<b>Parts:</b>	<b>1,302.81</b>
<b>SubTotal:</b>	<b>3,913.06</b>
<b>HazMat:</b>	<b>15.95</b>
<b>Tax:</b>	<b>0.00</b>
<b>Total:</b>	<b>3,929.01</b>
<b>Bal Due:</b>	<b>\$3,929.01</b>

**[ Payments - ]**

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 \_\_\_\_\_ Time \_\_\_\_\_