

VILLAGE OF DOWNERS GROVE
Report for the Village
11/14/2017

SUBJECT:	SUBMITTED BY:
Engine #103 Repair	Nan Newlon Director of Public Works

SYNOPSIS

A motion is requested to authorize repair of the Village's 2007 Pierce Enforcer pumper by Cummins NPower of Hodgkins, IL, in the amount of \$30,231.33, which includes a 10% contingency amount.

STRATEGIC PLAN ALIGNMENT

The goals for 2017-2019 include *Exceptional Municipal Services*.

FISCAL IMPACT

The FY17 Budget includes \$1,800,000 in the Risk Fund (Page 4-43, Line 19) for accidents, injuries, and claims against the Village.

RECOMMENDATION

Staff recommends approval on the November 14, 2017 consent agenda.

BACKGROUND

The Village maintains a 2007 Pierce Enforcer engine that is used by the Fire Department to provide the preservation of life and property through around-the-clock service. Engine damage, due to water intrusion, occurred on October 14th 2017 and this piece of equipment has been out-of-service since that date. The vehicle was towed to Cummins NPower, the authorized Cummins dealer for this area. Upon arrival the engine was disassembled, revealing internal damage, and an estimated cost of repairs was prepared. Staff reviewed the estimate and negotiated lower parts costs using our Napa IBS service to price match. The final estimate to repair the engine is \$27,483.03 and will require two (2) weeks to complete. A contingency amount is requested in the event unanticipated damage is discovered when the vehicle is further disassembled. The repair of the engine is essential for this equipment to properly function until the Village is in position to replace this piece of equipment. Staff has reviewed the age, condition, hours logged on the vehicle, and determined that it is cost effective to perform these repairs.

ATTACHMENTS

Estimate of Repairs



Payment terms are 30 days from invoice date unless otherwise agreed upon in writing.

Remit to: Cummins NPower
 NW 7686 PO Box 1450
 Minneapolis, MN 55485-7686

HODGKINS BRANCH
 7145 SANTA FE DRIVE
 HODGKINS, IL 60525-
 (708)579-9222

INVOICE NO
ESTIMATE
REMIT TO: NW 7686 P.O. Box 1450 Minneapolis, MN 55485-7686

BILL TO

VILLAGE OF DOWNERS GROVE
 801 BURLINGTON AVENUE
 ATTN: ACCOUNTS PAYABLE
 DOWNERS GROVE, IL 60515-4776

OWNER

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 VINNIE PASQUINELLI - 630 4345951

PAGE 1 OF 4

*** CHARGE ***

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
02-NOV-2017 01:46PM		28-AUG-2008	ISL CM2150		PIERCE
CUSTOMER NO.	SHIP VIA	FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
1040451		17-OCT-2017	46859629	CPL042400	IMPEL
REF. NO.	SALESPERSON	PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
277518					1.

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
			OSN/MSN/VIN 20048-1				
				COMPLAINT			
				UNIT 103. PIERCE FIRE TRUCK. TOWED IN BY WEST AND SONS. UNIT INGESTED WATER DURING HEAVY RAINS, SOUNDS AS IF WATER ENTERED THE AIR CLEANER. WATER ENTERING THE ENGINE, CAUSED IT TO HYDRO LOCK. CUSTOMER REMOVED SOME PARTS AND VACUUMED WATER OUT OF THE ENGINE?? PARTS ARE IN A BUCKET. DRIVE SHAFT IS REMOVED.. CHECK AND ADVISE VINNIE.			
				CAUSE			
				INSPECTED.. FOUND THE INJECTORS ARE STILL INSTALLED. CUSTOMER REMOVED THE FUEL CONNECTORS. REMOVED THE VALVE COVER, REMOVED THE INJECTORS AND VACUUMED ALL WATER FROM THE CYLINDERS.. THE ENGINE NOW BARS OVER.. CALLED VINNIE AND ADVISED. WE AGREED TO REMOVE THE CYLINDER HEAD AND CHECK FOR BLOWN HEAD GASKET AND CONDITION OF THE PISTONS AND LINERS.. REMOVED THE CYLINDER HEAD, INSPECTED THE LINERS.. LINERS ARE RUSTY AND ALL ARE POOLISHED ON THE LOWER HALF OF THE LINERS.. LIQUID TESTED AND VACUUM TESTED THE HEAD. 7 VALVES FAILED TEST.. SUGGESTED COMPLETE OVERHAUL.. VINNIE THEN STATED, THE REAR OIL SEAL HAS ALSO BEEN LEAKING FOR A WHILE.. QUOTE ENGINE REMOVAL AND OVERHAUL TO ALLOW FOR RESEALING OF THE REAR CRANKSHAFT SEAL.			
				11-7-17. DISCUSSED WITH VINNIE. ADD PARTS BACK ONTO QUOTE.. ALSO ADD OIL AND FILTER KIT TO SERVICE TRANSMISSION OIL.			
				ENGINE IS NOT REMOVED OR COMPLETELY DISASSEMBLED AT THIS TIME. ADDITIONAL PARTS MAY BE NEEDED WHEN ENGINE IS REMOVED AND DISASSEMBLED AND WILL HAVE TO BE ADDED TO THIS ESTIMATE..			
				COVERAGE			
				MANAGEMENT AGREED TO MATCH CUSTOMER SUPPLIED PARTS PRICING FROM NAPA, BUT WE HAD TO SHOW AS A DISCOUNT IN MISC FOR CREDIT OF \$3742.85.. AUTHORIZATION 200 FROM MIKE E.. CUSTOMER REQUESTED ESTIMATE FOR LABOR AND SOFT PARTS ONLY.			
				CUSTOMER WILL SUPPLY GENUINE CUMMINS NEW OR REMAN PARTS FROM NAPA..			

Completion date : 18-Oct-2017 02:01PM. Estimate expires : 18-Nov-2017 02:04PM.

Billing Inquiries? Call (877)480-6970 or email CBSNPower.Receivables@cummins.com

THERE ARE ADDITIONAL CONTRACT TERMS ON THE REVERSE SIDE OF THIS DOCUMENT, INCLUDING LIMITATION ON WARRANTIES AND REMEDIES, WHICH ARE EXPRESSLY INCORPORATED HEREIN AND WHICH PURCHASER ACKNOWLEDGES HAVE BEEN READ AND FULLY UNDERSTOOD.

AUTHORIZED BY (print name) _____ SIGNATURE _____ DATE _____



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OSN/MSN/VIN 20048-1

ADVISED THEY MUST BE GENUINE CUMMINS NEW OR RECON PARTS BY PART NUMBER IN CUMMINS BOXES.

DIAGNOSTIC CHARGE: 2,922.80

1	0	CV50628-MF	ELEMENT,CV	FLG		115.56	115.56
1	0	LF9009	PAC, LF	FLG		41.25	41.25
12	0	CC2743	FLEETCOOL	FLG		6.95	83.40
28	0	V705290	PREM BLUE 15W40 QT (BULK)	VALVOLINE		2.95	82.60
1	0	FF5636	PAC, FF (S	FLG		22.02	22.02
1	0	WF2074	WF PKG	FLG		22.30	22.30
1	0	MISC.	MISC PARTS	NONSTOCK		585.00	585.00
1	0	4352253RX	KIT,EGR COOLER	DRC		1,243.73	1,243.73
1	0	5297551D	KIT, EGR COOLER	CLEAN		50.00	50.00
-1	0	5297551D	KIT, EGR COOLER	DIRTY		50.00	- 50.00
1	0	3945917	SET,MAIN BEARING (STD)	CECO		222.14	222.14
1	0	4955643	SET,UPPER ENGINE GASKET	CECO		252.77	252.77
1	0	3939352	GASKET,OIL SUC CONNECTION	CECO		3.98	3.98
1	0	5332563	GASKET,OIL PAN	CECO		47.54	47.54
6	0	4955530	KIT,ENGINE PISTON	CECO		298.74	1,792.44
6	0	3966244	BEARING,CON ROD (STD)	CECO		23.65	141.90
6	0	3950661	BEARING,CON ROD (STD)	CECO		11.24	67.44
6	0	3800328	KIT,LINER	CECO		201.07	1,206.42

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1	0	0	5347975RX	HEAD,CYLINDER	DRC	4,018.19	4,018.19
1	0	0	4942132D	HEAD, CYLINDER	CLEAN	375.00	375.00
-1	0	0	4942132D	HEAD, CYLINDER	DIRTY	375.00	- 375.00
1	0	0	3940245	GASKET,HYDRAULIC PUMP	CECO	12.42	12.42
1	0	0	5301094RX	COMPRESSOR,1 CYL AIR	DRC	1,256.17	1,256.17
1	0	0	3944525D	COMP,AIR ISC/ISL 18.7 CFM	CLEAN	125.00	125.00
-1	0	0	3944525D	CPR, AIR ISC/ISL 18.7 CFM	DIRTY	125.00	- 125.00
6	0	0	4944670	ROD,ENGINE CONNECTING	CECO	166.68	1,000.08
1	0	0	0420D27101CTCS	TRANSYND-GALLON	NSPART2	61.04	61.04
1	0	0	0420D27101CTPL	TRANSYND 5 GAL BUCKET	NSPART3	262.64	262.64
1	0	0	042AT29558118	KIT-FILTER,4" SUMP	NSPART2	88.76	88.76
1	0	0	4352531RX	KIT,ICP TURBOCHARGER	DRC	3,851.09	3,851.09
1	0	0	4955403D	TURBO, HE431Ve	CLEAN	875.00	875.00
-1	0	0	4955403D	TURBO, HE431Ve	DIRTY	875.00	- 875.00

PARTS:	16,480.88
PARTS COVERAGE CREDIT:	0.00CR
TOTAL PARTS:	16,480.88
SURCHARGE TOTAL:	0.00
LABOR:	10,937.20
LABOR COVERAGE CREDIT:	0.00CR
TOTAL LABOR:	10,937.20
MISC.:	- 2,857.85

Completion date : 18-Oct-2017 02:01PM. Estimate expires : 18-Nov-2017 02:04PM.

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			OSN/MSN/VIN 20048-1				
				MISC. COVERAGE CREDIT:			0.00 ^{CR}
				TOTAL MISC.:		- 2,857.85	
				SHOP SUPPLIES			150.00
				HAZ WASTE DISPOSAL			100.00
				ELECTRONIC TOOLING FEE			50.00
				SVC PARTS DISCOUNT- IS			- 3,157.85
				TAX EXEMPT NUMBERS:			
					LOCAL		0.00

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SUB TOTAL:	27,483.03
TOTAL TAX:	0.00
TOTAL AMOUNT: US \$	27,483.03

AUTHORIZED BY (print name) _____ SIGNATURE _____ DATE _____

VILLAGE OF DOWNERS GROVE COUNCIL ACTION SUMMARY

INITIATED: Public Works **DATE:** November 14, 2017
(Name)

RECOMMENDATION FROM: _____ **FILE REF:** _____
(Board or Department)

NATURE OF ACTION:

STEPS NEEDED TO IMPLEMENT ACTION:

- Ordinance
- Resolution
- Motion
- Other

Motion to authorize payment for the repair of the Village's 2007 Pierce Enforcer Pumper to Cummins NPower in the amount of \$27,483.03 plus 10% contingency in the amount of \$2,748.30 for a total not-to-exceed \$30,231.33.

DAD

SUMMARY OF ITEM:

Adoption of this motion shall authorize payment for the repair of the Village's 2007 Pierce Enforcer Pumper to Cummins NPower in the amount of \$27,483.03 plus 10% contingency in the amount of \$2,748.30 for a total not-to-exceed \$30,231.33.

RECORD OF ACTION TAKEN:
