



THE RESORT VILLAGE OF
CANDLE LAKE

REPORT

Report Title: Dozer Repairs (Report #14/2014)

Date: February 11, 2014

Prepared By: Joan Corneil, CAO

Prepared For: Council

RECOMMENDATION:

That Council approves a \$30,000 amount as pre-budget approval for transportation Services-Repairs and maintenance to get the necessary repairs done to the 953C Crawler Loader and authorizes the Administrator and Mayor to approve payment once received.

Justification for In Camera: N/A

Background: The Village has equipment to operate the landfill. They currently operate a 953 C Crawler Loader referred to as the bulldozer for moving refuse into the pits and covering. In late 2012, the dozer experienced some issues and was picked up for repairs by Korpan Tractor as the diagnostics and repairs were beyond the scope of the staff.

The shop personnel were advised to get a price on repairs as the previous maintenance manager felt the machine had outlived its useful life. If the repair bill were to excessive, the staff were instructed to get a trade in price and cost for a different dozer. They were also instructed to check out leasing prices. There was a discussion on contracting out the work as had been done in the past, and the writer was advised that service was not always timely which resulted in the Village investing in equipment.

Upon inspection by Korpan Tractor it was determined that the machine was worth keeping and the Village staff was advised that although it needed major service work, it still had a lot of value and should serve the Village for a relatively longer period due to the low hours on the machine..

Discussion: Upon review of the report and estimate submitted by Korpan Tractor, the writer is assured that our best value is with repairing the dozer for an estimated cost of \$22,000 plus costs incurred to date. The writer will contact Korpan Tractor and determine the current costs and have that information available if possible.

A review of the 2013 Operating budget shows that repairs and maintenance in 2013 had a budget amount of \$40,000 of which \$22,832.41 was spent in 2013 leaving a surplus of \$17,167.59. This expenditure for the dozer should have occurred in 2013 but the estimates did

not come in until January of 2014. Although we do not carry over any unspent budgets, the amount collected for that budget item is closed to a surplus account and then added to general revenue.

As these repairs will need to be started prior to budget approval, administration is asking for pre-budget approval of thirty thousand dollars for repairs to the bulldozer. This amount will be included in the overall Transportation Services - repairs and maintenance line in the budget

Options:

1. That Council approves a \$30,000 amount as pre-budget approval for transportation Services- Repairs and maintenance to get the necessary repairs done to the 953C Crawler Loader and authorizes the Administrator and Mayor to approve payment once received.
2. That Council denies pre-budget approval for repairs to the 953C Crawler Loader and directs administration to explore other options and bring back a further report.

Financial Implications:

If approved, \$30,000 will be added to the 2014 budget.

Communications:


Attachments:

1. Report and estimate from Korpan Tractor

Conclusion:

Administration is advising that the report indicates the machine has value in maintaining. From the report, it can be assumed that the Village should be doing regular cleaning and maintenance on the equipment through more frequent washings and inspection. Administration will attempt to keep the equipment in a clean state in order to avoid the current situation as much as practically possible.

Respectfully submitted,



Joan Cornell, CAO

KORPAN TRACTOR

Sales · Rentals · Parts · Service

2920 Idylwyld Drive
Saskatoon, SK
Canada S7L 5Y6
www.korpan.com

Phone: (306) 933-2100
Toll Free: 1-800-867-7777
Fax: (306) 931-8888
E-mail: tech@korpan.com

Ship To: SAME AS BELOW
Invoice To: RESORT VILLAGE OF
CANDLE LAKE
BOX 114
CANDLE LAKE, SK S0J 3E0

Branch SASKATOON, SASK		
Date 01/26/14	Time 14:22:39 (O)	Page 01
Account No. RESOR001	Phone No. 306 9292236	Invoice No. W13508
Ship Via	Purchase Order	
Sales Tax Licence No.	Federal Exemption No.	
		Salesperson SSC

DESCRIPTION

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
K1851	953C CRAWLER LOADE 953C	2835 BEX02737 BMA32486 AR#1717613		
***** UNIT DESCRIPTION *****				
* LOADER	953C CRAWLER LOADER			*

REPAIR# 1 5 CCF 11/14/13 11/14/13
MACHINE INSPECTION AND REPAIR 953C.

COMPLAINT:

Contact person Chris Barker 1-306-961-8736. Machine makes a groan or creaking noise when on uneven ground and will lose hydraulic oil very fast.

ADDITIONAL DESCRIPTION:

Arrange transport of machine for customer, trucked in from Candle jobsite to Korpan Tractor. Customer had difficulty loading machine due major hydraulic leak. Removed the final drive axles and pulled the machine off the transport as it was out of hydraulic oil. Very cold out and tracks were plugged to the top with frozen garbage and dirt. Chiseled out some of the frozen material and brought into the shop. Used hoist to raise the boom and secure on stands. Right lift cylinder piping was broken off due to frozen material and wood jammed in base end of cylinder. Removed panels and stump pans to dig out material to get at piping. Front stump pan was full of oil and frozen dirt and garbage. Ordered in replacement steel piping. Removed rear stump pans, full of dirt, garbage and very large pieces of wood. Dug out material and dispose of in Loraas bins. very unpleasant smell in the entire shop. Replaced the missing front window supplied by the customer. Replace the lift cylinder pipes and fill the hydraulic tank with oil. Charged batteries and cleaned connections. Machine now

CONTINUED ON PAGE 02

RETURNS MUST BE MADE BEFORE 30 DAYS FROM DATE OF PURCHASE, A 20% RESTOCKING FEE MAY APPLY. SPECIAL ORDERS & ELECTRICAL PARTS ARE NON-RETURNABLE. TERMS: NET 30 DAYS, INTEREST AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM) WILL BE CHARGED ON OVERDUE ACCOUNTS. I HEREBY AUTHORIZE THE ABOVE WORK TO BE DONE ALONG WITH THE USE OF NECESSARY MATERIALS. YOU AND YOUR EMPLOYEES MAY OPERATE ABOVE MACHINE FOR PURPOSES OF TESTING, INSPECTION OR DELIVERY AT MY RISK. I AGREE TO PAY CASH ON DELIVERY OF MACHINE OR ON TERMS SATISFACTORY WITH YOU AND UNTIL PAID IN FULL AN EXPRESS MECHANICS LIEN IS ACKNOWLEDGED ON ABOVE MACHINE TO SECURE THE AMOUNT OF REPAIRS THERETO. IT IS UNDERSTOOD THAT THIS COMPANY ASSUMES NO RESPONSIBILITY FOR LOSS OR DAMAGE BY THEFT OR FIRE PURPOSES ONLY AND IT IS NOT IMPLIED THAT ANY PART LISTED IS THE PRODUCT OF THESE MANUFACTURERS. F.O.B. KORPAN TRACTOR & PARTS, SASKATOON.

X _____ Signature _____ Date _____

PRINT NAME _____

KORPAN TRACTOR & PARTS

KORPAN TRACTOR

Sales · Rentals · Parts · Service

2920 Idylwyld Drive
Saskatoon, SK
Canada S7L 5Y6
www.korpan.com

Phone: (306) 933-2100
Toll Free: 1-800-667-7777
Fax: (306) 931-8888
E-mail: tech@korpan.com

Ship To: SAME AS BELOW

Invoice To: RESORT VILLAGE OF
CANDLE LAKE
BOX 114
CANDLE LAKE, SK S0J 3E0

Branch SASKATOON, SASK		
Date 01/26/14	Time 14:22:39 (O)	Page 02
Account No. RESOR001	Phone No. 306 9292236	Invoice No. W13508
Ship Via	Purchase Order	
Sales Tax Licence No.	Federal Exemption No.	
		Salesperson SSC

DESCRIPTION

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
K1851	953C CRAWLER LOADE 953C	2835	BBX02737 BMA32486 AR#1717613		

operable, removed from shop and washed machine and cleaned up the bay. Had to wash machine several times and keep digging out tracks and track frames. Test operated the machine to locate noise complaint when operating. Final drives or hydraulic drive motors making noise when operating. Possible bearing problem in final drives, brake disc dragging or drive motor problems. Drained final drives, oil was dirty, black and smelled burnt. Final drive and drive motor removal, disassembly and inspection required. Inspect for creaking noise when operating in rough terrain. Equalizer bar outer pins and bushing worn out and require replacement, lack of grease. May need line bore work as well. Front idler linkage worn and requires replacement, lots of movement probably binding and making noise. Track groups are system one type and do not have clamp master links, need to split tracks for idler and final drive work. Need to install clamp master system to reassemble tracks. Difficult to inspect track groups as they are plugged with garbage and plastic. Once tracks are off more cleaning and inspection will be required. Machine is in need of a major service. Also requires good inspection of powertrain hoses, lines, clamps belts and electrical connections.

Work still to be completed estimate.

Track master clamp	1300.00
Idler linkage repairs	1750.00
Equalizer bar pins and bushings	1500.00
Track frame line bore	1800.00
Final drive big seal, brakes, motor inspection	1400.00
Powertrain hose & electrical inspection	1000.00

CONTINUED ON PAGE 03

RETURNS MUST BE MADE BEFORE 30 DAYS FROM DATE OF PURCHASE, A 20% RESTOCKING FEE MAY APPLY. SPECIAL ORDERS & ELECTRICAL PARTS ARE NON-RETURNABLE. TERMS: NET 30 DAYS, INTEREST AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM) WILL BE CHARGED ON OVERDUE ACCOUNTS. I HEREBY AUTHORIZE THE ABOVE WORK TO BE DONE ALONG WITH THE USE OF NECESSARY MATERIALS. YOU AND YOUR EMPLOYEES MAY OPERATE ABOVE MACHINE FOR PURPOSES OF TESTING, INSPECTION OR DELIVERY AT MY RISK. I AGREE TO PAY CASH ON DELIVERY OF MACHINE OR ON TERMS SATISFACTORY WITH YOU AND UNTIL PAID IN FULL AN EXPRESS MECHANICS LIEN IS ACKNOWLEDGED ON ABOVE MACHINE TO SECURE THE AMOUNT OF REPAIRS THERETO. IT IS UNDERSTOOD THAT THIS COMPANY ASSUMES NO RESPONSIBILITY FOR LOSS OR DAMAGE BY THEFT OR FIRE PURPOSES ONLY AND IT IS NOT IMPLIED THAT ANY PART LISTED IS THE PRODUCT OF THESE MANUFACTURERS. F.O.B. KORPAN TRACTOR & PARTS, SASKATOON.

X _____ Date

Signature

Date

PRINT NAME _____

KORPAN TRACTOR & PARTS