



**SANTA ROSA COUNTY ENGINEERING  
ENVIRONMENTAL DEPARTMENT**  
6065 Old Bagdad Highway  
Milton, FL 32583  
www.santarosa.fl.gov

Roger A. Blaylock, P.E.  
County Engineer

Ronald C. Hixson  
Environmental Manager

## Memo

**To:** Tony Gomillion, County Administrator

**From:** Ronald Hixson, Environmental Manager

**Thru:** Roger Blaylock, P.E., County Engineer

**Date:** March 8, 2016

**Re:** JOHN DEERE 850J (1122) BULLDOZER UNDERCARRIAGE OVERHAUL

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### Discussion:

The John Deere 850J bulldozer that is utilized by the Central Landfill as a back up bulldozer when others are down for repairs is in need of repairs and adjustments to its undercarriage. These repairs will include a set of heavy duty track chains, bottom and top rollers, sprockets, track and rail pads, and track adjuster seal kits.

### Finding:

The John Deere 850J bulldozer is essential to keep operations running properly at the Central Landfill while other bulldozers are down for routine maintenance and repair. Repairs need to be made to its undercarriage to keep it in working order. After comparison shopping, Tractor & Equipment Co. (TEC) submitted the lowest bid to complete all of the repairs in the amount of \$17,103.34. Performing these repairs will significantly increase the life of the machine.

### Actions to be Considered:

That the SRC BOCC approves the attached quote from TEC for repairs that need to be made to the John Deere 850K Dozer in the amount of \$17,103.34. This estimate is the least expensive of the three estimates that have been obtained.





TEC PARTS ESTIMATE

Quote Date: 03/07/2016  
 Expiration Date: 04/06/2016  
 Quote #: 414-2346

Contact: Mike Douglas  
 Email: mdouglas@tractor-equipment.com  
 Phone: 850-554-3234  
 Cell: 850-554-3234

Attn: ROLLAND  
 SANTA ROSA COUNTY  
 BD. OF COUNTY COMM.  
 MILTON FL 32583

Machine: JOHN DEERE 850J  
 Serial #: 174440  
 Stock #:   
 SMR: 14033.0

Description	Part #	Qty.	Price	Extended
Wet HD Chains	CE5534/40	2.00	\$1,953.35	\$3,906.70
Track Bolts	6V1792 TE	312.00	\$0.58	\$180.96
Track Nuts	1S1860 TE	312.00	\$0.21	\$65.52
Sprockets	ID1462 TE	2.00	\$174.91	\$349.82
Sprocket Bolts	207-27-5131 IT	50.00	\$0.82	\$41.00
Sprocket Washer	8T3282 IT	50.00	\$0.14	\$7.00
Bottom Roller SF	CR6088 te	8.00	\$184.80	\$1,478.40
Bottom Roller DF	CR6089 TE	8.00	\$167.08	\$1,336.64
Carrier Roller	CR4800 TE	4.00	\$106.51	\$426.04
Front Idlers	ID2687 IT	2.00	\$1,117.11	\$2,234.22
Track Pads HD / Relief Holes	CR4443/24	78.00	\$45.29	\$3,532.62
Master Pads	CR3695/24	2.00	\$23.71	\$47.42
Track Adjuster Packings Est.	AAAAAA	2.00	\$200.00	\$400.00
Misc labor Pads		1.00	\$300.00	\$300.00
Pads on Rails		1.00	\$300.00	\$300.00
Labor to R and I (See Notes)		1.00	\$2,497.00	\$2,497.00

Parts Total: \$14,006.34  
 Service Total: \$0.00  
 Other Total: \$3,097.00  
 Grand Total: \$17,103.34

TEC Will Remove the rails, rollers, Idlers and Sprockets. We will replace the 850J with new rails, new HD Pads with R/H., new sprockets and new Bottom rollers and top rollers. TEC will remove the track adjuster packing's and replace with new.

I recommend replacing the bottom roller bolts. (Not included)  
 We will inspect all undercarriage parts and report any items needed before we proceed.  
 Price does not include Freight.  
 with additional parts and labor.

THIS ESTIMATE IS BASED ON EXISTING LABOR RATES, PARTS PRICES, AND CONDITION OF THE UNDERCARRIAGE ON THE DATE OF THE INSPECTION. THE CUSTOMER WILL BE INFORMED OF ANY REVISIONS IN LABOR CHARGES OR PARTS PRICES PRIOR TO PROCEEDING WITH THE WORK. THIS ESTIMATE WILL REMAIN IN EFFECT FOR 30 DAYS FROM THE DATE OF THE INSPECTION.

See the above

# Undercarriage Repair Estimate

Thompson Tractor Co.



Pensacola, Fl.  
850 471-6700

CUST # 6941000  
NAME Santa Rosa Co. LF  
ADDRESS  
ADDRESS

DATE 03-Mar-16  
MODEL JohnDeere 850J  
SER. #

ATTENTION: Roland - Andrew ESTIMATE EXPIRES \_\_\_\_\_

I AM PLEASED TO OFFER THE FOLLOWING ESTIMATE FOR REPAIRS ON YOUR CATERPILLAR TRACK TYPE MACHINE. IF I CAN BE OF FURTHER ASSISTANCE, PLEASE LET ME KNOW.

QTY	PART #	DESCRIPTION	EACH	TOTAL
2	CR5534	40 link SALT chain	\$2,373.00	\$4,746.00
312	1S1860	nut	\$0.31	\$96.72
312	6V1792	bolt	\$0.77	\$240.24
78	1Q4958	24" single grouser track pad w/hole	\$37.73	\$2,942.94
2	1Q4997	24" single grouser master track pad w/hole	\$38.80	\$77.60
		Shoes subject to availability		
2	MXLB-2	install pads at the PDC	\$175.00	\$350.00
4	CR4800	top roller	\$134.00	\$536.00
8	5P8247	roller washer	\$0.12	\$0.96
8	6V3303	roller bolt	\$0.53	\$4.24
8	CR6088	sf bottom roller	\$205.00	\$1,640.00
6	CR6089	df bottom roller	\$230.00	\$1,380.00
56	6V5845	bottom roller bolt	\$1.08	\$60.48
56	8T3282	bottom roller washer	\$0.15	\$8.40
2	ID2806	sprocket segment group	\$210.00	\$420.00
50	19M8002	sprocket bolt	\$1.05	\$52.50
2	ID2687	idler	\$1,150.00	\$2,300.00
8	8T0362	idler bolt	\$1.49	\$11.92
8	8T3282	washer	\$0.15	\$1.20
1	LABOR	Labor to install U/C		\$2,568.00

**TOTAL ALL PARTS & LABOR**

**\$17,437.20**

**ESTIMATE VALID FOR 30 DAYS**

**RECOMMENDATIONS - REMARKS:** Price does not include sales tax or freight. Please allow ample time for parts to be ordered on stock order to avoid special handling fees. Estimate doesn't include hidden damage such as brokerr bolts , bad bogie pins , pin bores ,cracked roller frames , etc.

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PRESENTED BY \_\_\_\_\_

CUSTOMER SIGNATURE \_\_\_\_\_



Location: 3195 W Nine Mile rd  
 Pensacola Fl 32534  
 Phone: (850) 476 0277  
 Fax: (850) 476 7556

**Mobile, Al.**  
**(251) 456-1993**  
**Pensacola, Fl. Freeport, Fl. Panama City, Fl. Jacksonville, Fl. Lake City, Fl. Palatka, Fl.**  
**(850) 476-0277 (850) 835-3337 (850) 769-4844 (904) 296-5000 (386) 752-9544 (386) 325-6268**

**THIS IS AN ESTIMATE ONLY** Date: 3/1/2016 Prepared By: ANTHONY DOWLING

Customer: Santa Rosa County Landfill Model: 850J  
 Contact: Roland Serial No. 174440  
 City: Milton Engine No.  
 State: FL Equip.No.  
 Phone: 850-777-0573 Hours 14090  
 Fax/E-mail: Est. Date of Job Completion:

Description of Service Requested:	Parts	Hours	Labor
Lubed track chains, heavy duty	\$4,667.38		
Track bolts	\$265.20		
Track nuts	\$102.96		
Top rollers	\$553.72		
SF bottom rollers	\$1,553.60		
DF bottom rollers	\$1,299.12		
Sprocket segments	\$434.84		
Idlers	\$2,557.30		
24" single grouser with trapezoidal hole (78)	\$2,949.96		
24" single grouser with trapezoidal hole master (2)	\$77.22		
Track adjuster seal kits	\$185.76		
Labor to remove and replace all components listed above			\$2,500.00
If any additional parts or labor are needed customer will be notified prior to repairs.			
Thank you very much for the opportunity to provide you with this estimate, if you have any questions please call me. Anthony Dowling 850-546-1087.			

**Parts and Labor Prices are Effective for 30 Days**

Estimate excludes sales tax, incoming freight, and additional charges for parts/labor not included in the above mentioned. This estimate does not obligate customer or BEC in any way. Should the customer request BEC to Perform the work, and BEC agrees to do so, the work will be performed in accordance with BEC customary terms and conditions.

\* Reusing old hardware is not recommended due to corrosion, rust and stress factors. If old hardware is reused, BEC is not responsible for items that loosen after installation.

Parts	\$14,647.06
Labor	\$2,500.00
Misc.	\$40.00
Environmental	\$22.50
Field Call	
<b>Total of Estimate:</b>	<b>\$17,209.56</b>