

**4A. Consideration of approving repairs to John Deere Model 772G grader to be completed by RDO Equipment Company with an estimated cost of \$22,122,26**

<b>Prepared by:</b> PW Director/City Engineer	<b>Meeting Date:</b> 9/12/2022	<input type="checkbox"/> Consent Agenda Item <input checked="" type="checkbox"/> Regular Agenda Item
<b>Reviewed by:</b> Finance Director	<b>Approved by:</b>	

**ACTION REQUESTED**

Consideration of approving a repair to the John Deere Model 772G grader to be performed by RDO Equipment Company with an estimated cost of \$22,122.26.

**PREVIOUS COUNCIL ACTION**

**February 2, 2021:** City Council authorized the purchase of a 2012 John Deere 772G grader from RDO Equipment Co. in the amount of \$80,000.

**REFERENCE AND BACKGROUND**

The 2012 John Deere 772G grader broke down and was hauled to RDO Equipment in Dayton Minnesota. Staff determined that the diesel particulate filter (DPF) system failed and needs to be replaced. The estimated cost for replacement is \$22,122.26 including parts and labor.

It's possible the failure of the DPF system could have caused engine issues. Staff does not believe it has, but it's not possible to know for certain until the DPF system is repaired and the engine can be tested. The cost to purchase and install a remanufactured engine is estimated at approximately \$65,000. If a new engine is needed, staff would obtain pricing options and bring back to council for further consideration.

- I. **Budget Impact:** These improvements will be funded from the Streets department in the General Fund.
- II. **Staff Workload Impact:** Staff from the city will work to coordinate the repairs.
- III. **Comprehensive Plan Impact:** N/A

**STAFF RECOMMENDED ACTION**

City staff recommends approval of replacement of the diesel particulate filter for the 2012 772G John Deere Grader by RDO Equipment.

**SUPPORTING DATA**

- Quote



**RDO Equipment Co.**  
 11030 Holly Lane N  
 Dayton, MN 55369  
 763-294-7800  
 Fax: 763-416-0097

Service Manager: BP.Service@rdoequipment.com  
 General Manager: BP.GenMgr@rdoequipment.com  
 www.rdoequipment.com

**Ship to:** CITY OF MONTICELLO - PUBLIC WORKS  
 505 WALNUT STREET STE. #1  
 MONTICELLO MN 55362-8576

**Branch**  
 14 - DAYTON, MN

**Date** 08/16/2022      **Time** 16:42:08 (O)      **Page** 1

**Account No.** 3170033      **Phone No.** 7632953170      **Invoice No.** 003997<sup>01</sup>

**Ship Via**      **Purchase Order**

**Tax Exemption Number**      **Federal ID Number**

**Invoice to:** CITY OF MONTICELLO - PUBLIC WORKS  
 505 WALNUT STREET STE. #1  
 MONTICELLO MN 55362-8576

**Salesperson**  
 CEG

Attention: Matt Barthel

ESTIMATE EXPIRY DATE: 09/01/2022

**SERVICE ESTIMATE - NOT AN INVOICE**

\*\*\*\*\* Segment 01 \*\*\*\*\*

Stock #: X998227      GRADERS      MS #: 1DW772GPTBE641796  
 Make: JD Model: 772G F  
 Is to have the following work done

EGR COOLER - R&I  
CONDITION:  
 Remove and replace leaking EGR Cooler as needed.

<u>Part#</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>	<u>Amount</u>
DZ102532	Heat Exchanger	1	2681.19	2681.19
R528237	SEALING RING	2	34.91	69.82
RE568261	Clamp	2	34.33	68.66
R526831	GASKET	3	10.31	30.93
R566072	O-Ring	4	4.58	18.32
T77932	O-RING	4	1.99	7.96
A-T77932	O-RING; .614"X.	4	1.35	5.40
DZ122879	Temperature Sen	1	63.09	63.09
TY26682	PLUS-50 TM ENGI	30	5.40	162.00
TY26576	COOL-GARD II TM	7	41.89	293.23
AT393844	Clamp	1	103.70	103.70
R56905	O-RING	2	5.21	10.42
DZ118283	Filter Kit	1	26.95	26.95
TY26682	PLUS-50 TM ENGI	29	5.40	156.60
DZ119115	Exhaust Gas Rec	1	1104.66	1104.66
CRDZ119115	Exhaust Gas Rec		100.00	100.00

<u>MISCELLANEOUS CHARGES:</u>	<u>Description</u>	<u>Price</u>	<u>Amount</u>
	SRV ACCESSORIES	175.00	175.00

**Parts:** 4902.93  
**Labor:** 1360.00  
**Miscellaneous:** 175.00

Stocked parts can be returned within 30 days with copy of invoice. Special order parts \$20.00 and up may be returned within 30 days with copy of invoice. 20% restock charge will apply to all special order parts. All sales are final on special order non-returnable parts. All parts must be new, uninstalled and in original packaging. No returns on electrical components. No refunds on freight charges.

SIGNATURE

**TERMS AND CONDITIONS:** All invoices are due Net-20 days from the invoice date or in accordance with the terms of your account agreement. Please refer to your finance agreement for details.



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 Dayton, MN 55369  
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**Salesperson**  
 CEG  
 ESTIMATE EXPIRY DATE: 09/01/2022

**SERVICE ESTIMATE - NOT AN INVOICE**

Authorization: \_\_\_\_\_

Subtotal: 6437.93

\*\*\*\*\* Segment 02 \*\*\*\*\*

DIESEL PARTICULATE FILTER (DPF), REMOVE AND REPLACE - FT4  
CONDITION:  
 -Remove and replace DPF system damaged by coolant saturation as needed.

<u>Part#</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>	<u>Amount</u>
RE544928	Diesel Oxidatio	1	6457.70	6457.70
RE541834	Diesel Particul	1	7452.00	7452.00
RE554363	Clamp	2	164.67	329.34
R537859	Gasket	2	45.34	90.68
R529640	Gasket	1	41.12	41.12
RE540348	Clamp	1	58.48	58.48
AT393844	Clamp	1	103.70	103.70
R529510	Gasket	2	33.50	67.00
R300529	SEALING RING	1	59.31	59.31

<u>MISCELLANEOUS CHARGES:</u>	<u>Description</u>	<u>Price</u>	<u>Amount</u>
	SRV ACCESSORIES	175.00	175.00

Parts: 14659.33  
 Labor: 850.00  
 Miscellaneous: 175.00  
 Subtotal: 15684.33

Authorization: \_\_\_\_\_

Parts: 19562.26  
 Labor: 2210.00  
 Miscellaneous: 350.00  
 TOTAL: 22122.26

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