

Life Cycle Cost -Light Equipment Zero Turn 60" Belly Mount Riding Mower

Life Cycle Cost - Light Equipment Zero Turn 60" Belly Mount Riding Mower					AWARD	
		John's Tractor Shop LLC Bid #1	John's Tractor Shop LLC Bid #2	Mohrhoff Power Equipment	Omaha Tractor, Inc.	
Line #	State Agency Data Use for Calculations					
1	Projected Number of Months in Service:	180	180	180	180	
2	Projected Number of Hours of Operation per Month	17	17	17	17	
3	Projected Total Number of Hours	3,060	3,060	3,060	3,060	
4	Number of Maintenance Cycles Performed Per Year	2	2	2	2	
5	Fuel Cost-per-Gallon: (Current eia-U.S. Energy Information Administration)	\$ 3.86	\$ 3.86	\$ 3.86	\$ 3.86	
<b>Net Cost</b>						
6	Bid Price (Listed on ITB Line # 1)	\$ 7,799.00	\$ 8,999.00	\$ 8,129.71	\$ 8,350.00	
7	Projected Salvage Value (Using Projected Total Hours & Projected Total Months)	\$ 500.00	\$ 700.00	\$ 1,000.00	\$ 1,500.00	
8	<b>Total Net Cost (Line 6 - Line 7)</b>	<b>\$ 7,299.00</b>	<b>\$ 8,299.00</b>	<b>\$ 7,129.71</b>	<b>\$ 6,850.00</b>	
<b>Operating Costs</b>						
Fuel						
9	Estimated Fuel Use Rate (Gallons Per Hour)	3	3	1.58	1.05	
10	Projected Number of Hours	3,060	3,060	3,060	3,060	
11	Projected Total Gallons (Line 9 x Line 10)	9180	9180	4834.8	3213	
12	Fuel Cost-per-Gallon (Current eia-U.S. Energy Information Administration)	\$ 3.86	\$ 3.86	\$ 3.86	\$ 3.86	
13	<b>Total Estimated Fuel Cost (Line 11 x Line 12)</b>	<b>\$ 35,434.80</b>	<b>\$ 35,434.80</b>	<b>\$ 18,662.33</b>	<b>\$ 12,402.18</b>	
<b>Estimated Maintenance Cost for Parts &amp; Materials (Labor not included)</b>						
14	<b>Total Maintenance Cost</b>	<b>\$ 4,095.00</b>	<b>\$ 4,095.00</b>	<b>\$ 2,154.31</b>	<b>\$ 4,875.30</b>	
15	<b>Total Operating Cost (Fuel + Maintenance) (Line 13 + Line 14)</b>	<b>\$ 39,529.80</b>	<b>\$ 39,529.80</b>	<b>\$ 20,816.64</b>	<b>\$ 17,277.48</b>	
16	<b>Total Life-Cycle Cost (Net Cost, Line 8 + Total Operating Cost, Line 15)</b>	<b>\$ 46,828.80</b>	<b>\$ 47,828.80</b>	<b>\$ 27,946.35</b>	<b>\$ 24,127.48</b>	
17	<b>Life-Cycle Cost Per Hour (Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)</b>	<b>\$ 15.30</b>	<b>\$ 15.63</b>	<b>\$ 9.13</b>	<b>\$ 7.88</b>	

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Maintenance Cost Work Sheet										
Item No.	Total Maintenance Costs - Indicate materials necessary to provide maintenance for 5400 hours. (Subject to Add or Delete items for consideration)	No. of Maint. Procedures Performed During Life Cycle of	Vendor Supplied Cost for Material and/or Parts	Total Cost	Vendor Supplied Cost for Material and/or Parts	Total Cost	Vendor Supplied Cost for Material and/or Parts	Total Cost	Vendor Supplied Cost for Material and/or Parts	Total Cost
1	Change engine oil and filter(s)	60	\$ 23.00	\$ 1,380.00	\$ 23.00	\$ 1,380.00	\$ 11.06	\$ 663.60	\$ 31.99	\$ 1,919.40
2	Lube Chassis (grease all zerks)	60	\$ 2.00	\$ 120.00	\$ 2.00	\$ 120.00	\$ 1.00	\$ 60.00	\$ 5.00	\$ 300.00
3	Change Air Filter	30	\$ 23.00	\$ 690.00	\$ 23.00	\$ 690.00	\$ 15.84	\$ 475.20	\$ 20.00	\$ 600.00
4	Replace Mower Blades	20	\$ 63.00	\$ 1,260.00	\$ 63.00	\$ 1,260.00	\$ 21.12	\$ 422.40	\$ 58.50	\$ 1,170.00
5	Change Fuel Filter	6	\$ 9.00	\$ 54.00	\$ 9.00	\$ 54.00	\$ 4.00	\$ 24.00	\$ 5.00	\$ 30.00
6	Change Hydraulic Filter and Oil	6	\$ 55.00	\$ 330.00	\$ 55.00	\$ 330.00	\$ 17.60	\$ 105.60	\$ 45.65	\$ 273.90
7	Change Spark Plug(s)	6	\$ 10.00	\$ 60.00	\$ 10.00	\$ 60.00	\$ 2.56	\$ 15.36	\$ 7.00	\$ 42.00
8	Replace any Drive Belt(s)	3	\$ 67.00	\$ 201.00	\$ 67.00	\$ 201.00	\$ 130.15	\$ 390.45	\$ 180.00	\$ 540.00
9	Vendor added procedures to be listed below as needed									
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Total Life Cycle Maintenance Cost (To be entered in Line 14)			\$ 4,095.00	\$ 4,095.00	\$ 4,095.00	\$ 4,095.00	\$ 2,156.61	\$ 2,156.61	\$ 4,875.30	\$ 4,875.30

**No Bid**  
Alliance Tractor & Implement Co.