

Life Cycle Cost - All Purpose Rubber Track Compact Loader with Attachment

All Purpose Rubber Track Compact Loader		Hamilton Equipment Co.	Murphy Tractor & Equipment
Line #	State Agency Data Use for Calculations		
1	Projected Number of Months in Service:	180	180
2	Projected Number of Hours of Operation per Month	21	21
3	Projected Total Number of Hours	3,720	3,720
4	Number of Maintenance Cycles Performed Per Year	2	2
5	Fuel Cost-per-Gallon: (Current eia-U.S. Energy Information Administration)	\$ 3.289	\$ 3.289
Net Cost			
6	Bid Price (Listed on ITB Line # 1)	\$ 95,850.00	\$ 93,235.00
7	Projected Salvage Value (Using Projected Total Hours & Projected Total Months) Bidder shall supply documentation prior to award for pricing information from an independently owned published source.	\$ 50,000.00	\$ 52,500.00
8	Total Net Cost (Line 6 - Line 7)	\$ 45,850.00	\$ 40,735.00
Operating Costs			
	Fuel		
9	Estimated Fuel Use Rate (Gallons Per Hour) "Rated PRM Full Load" or Highest Consumption Rate Tested and Documented Bidder shall supply manufacturers documentation prior to award.	5.8	3.8
10	Projected Number of Hours	3,720	3,720
11	Projected Total Gallons (Line 9 x Line 10)	\$ 21,576.00	\$ 14,136.00
12	Fuel Cost-per-Gallon (Current eia-U.S. Energy Information Administration)	\$ 3.289	\$ 3.289
13	Total Estimated Fuel Cost (Line 11 x Line 12)		
Estimated Maintenance Cost for Parts & Materials (Labor not included)			
14	Total Maintenance Cost	\$ 231,841.80	\$ 6,580.60
15	Total Operating Cost (Fuel + Maintenance) (Line 13 + Line 14)	\$ 231,841.80	\$ 6,580.60
16	Total Life-Cycle Cost (Net Cost, Line 8 + Total Operating Cost, Line 15)	\$ 277,691.80	\$ 47,315.60

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17	Life-Cycle Cost Per Hour (Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)		\$	74.65	\$	12.72
Maintenance Cost Work Sheet						
Item No.	Total Maintenance Costs - Indicate parts necessary to perform a complete change (if the machine has two air filters, you must price both). (Subject to Add or Delete items for consideration)	No. of Maint. Procedures Performed During Life Cycle of Unit	Vendor Supplied Cost for Material and/or Parts	Total Cost	Vendor Supplied Cost for Material and/or Parts	Total Cost
1	Engine oil filter(s)	25	\$ 9.29	\$ 232.25	\$ 10.80	\$ 270.00
2	Engine filter(s)	25	\$ 39.06	\$ 976.50	\$ 45.95	\$ 1,148.75
3	Engine air filter(s)	15	\$ 92.62	\$ 1,389.30	\$ 34.86	\$ 522.90
4	Cab air filter(s)	15	\$ 37.48	\$ 562.20	\$ 35.27	\$ 529.05
5	Fuel filter(s)	15	\$ 483.64	\$ 729.60	\$ 34.32	\$ 514.80
6	Replace engine Belt(s)	3	\$ 101.65	\$ 304.95	\$ 64.68	\$ 194.04
7	Adjust engine valve clearance	2	\$ 9.06	\$ 18.12	\$ 29.63	\$ 59.26
8	Replace rubber drive tracks	1	\$ 2,486.25	\$ 4,972.50	\$ 3,341.80	\$ 3,341.80
9	Replace engine DPF (exhaust) filter	1	\$ 3,277.26	\$ 3,277.26	N/A	N/A
10						
11						
12						
13						
14	Vendor added procedures to be listed below as needed					
	*					
	*					
	*					
	Total Life Cycle Maintenance Cost (To be entered in Line 14)		\$	12,462.68	\$	6,580.60

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All Purpose Rubber Track Compact Loader		NCS Equipment
Line #	State Agency Data Use for Calculations	
1	Projected Number of Months in Service:	180
2	Projected Number of Hours of Operation per Month	21
3	Projected Total Number of Hours	3,720
4	Number of Maintenance Cycles Performed Per Year	2
5	Fuel Cost-per-Gallon: (Current eia-U.S. Energy Information Administration)	\$ 3.289
Net Cost		
6	Bid Price (Listed on ITB Line # 1)	\$ 65,846.88
7	Projected Salvage Value (Using Projected Total Hours & Projected Total Months) Bidder shall supply documentation prior to award for pricing information from an independently owned published source.	\$ 5,000.00
8	Total Net Cost (Line 6 - Line 7)	\$ 60,846.88
Operating Costs		
	Fuel	
9	Estimated Fuel Use Rate (Gallons Per Hour) "Rated PRM Full Load" or Highest Consumption Rate Tested and Documented Bidder shall supply manufacturers documentation prior to award.	15.54
10	Projected Number of Hours	3,720
11	Projected Total Gallons (Line 9 x Line 10)	0
12	Fuel Cost-per-Gallon (Current eia-U.S. Energy Information Administration)	\$ 3.289
13	Total Estimated Fuel Cost (Line 11 x Line 12)	
Estimated Maintenance Cost for Parts & Materials (Labor not included)		
14	Total Maintenance Cost	\$ 12,845.39
15	Total Operating Cost (Fuel + Maintenance) (Line 13 + Line 14)	\$0.00
16	Total Life-Cycle Cost (Net Cost, Line 8 + Total Operating Cost, Line 15)	\$0.00

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All Purpose Rubber Track Compact Loader			NCS Equipment			
17 Life-Cycle Cost Per Hour (Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)			\$0.00			
Maintenance Cost Work Sheet						
Item No.	Total Maintenance Costs - Indicate parts necessary to perform a complete change (if the machine has two air filters, you must price both). (Subject to Add or Delete items for consideration)	No. of Maint. Procedures Performed During Life Cycle of Unit	Total Maintenance Costs	No. of Maint. Procedures Performed During Life Cycle of Unit	Vendor Supplied Cost for Material and/or Parts	Total Cost
1	Engine oil filter(s)	25			\$ 82.50	\$ 2,062.50
2	Engine filter(s)	25			\$ 60.07	\$ 1,501.75
3	Engine air filter(s)	15			\$ 32.95	\$ 494.25
4	Cab air filter(s)	15			\$ 47.26	\$ 708.90
5	Fuel filter(s)	15			\$ 74.88	\$ 1,123.20
6	Replace engine Belt(s)	3			\$ 177.27	\$ 531.81
7	Adjust engine valve clearance	2			N/A	N/A
8	Replace rubber drive tracks	1			\$ 1,549.50	\$ 1,549.50
9	Replace engine DPF (exhaust) filter	1				
10			Hyd. Auxiliary oil filter (2075-219)	25	\$ 101.57	\$ 2,539.25
11			Case drain (Hyd) oil filter (2046-286)	25	\$ 11.06	\$ 276.50
12			Secondary air filter (2095-448)	15	\$ 27.41	\$ 411.15
13			Fuel/water seperater filter (0404-382)	15	\$ 79.47	\$ 1,192.05
14	Vendor added procedures to be listed below as needed					\$ -
*			A/C belt (2095-328)	3	\$ 88.46	\$ 265.38
*			Cab recirculation filter (2076-172)	15	\$ 12.61	\$ 189.15
*						\$ -
Total Life Cycle Maintenance Cost (To be entered in Line 14)					\$	12,845.39

No Life Cycle Bid
Rose Equipment Inc.