

Description		Murphy Tractor & Equip. Co.	NMC, Inc.	
Line #	State Agency Data Use for Calculations			
1	Projected Number of Months in Service:	180	180	Provided by State Purchasing Bureau
2	Projected Number of Hours of Operation per Month	30	30	Provided by State Purchasing Bureau
3	Projected Total Number of Hours	5,400	5,400	Provided by State Purchasing Bureau
4	Number of Maintenance Cycles Performed Per Year	2	2	Provided by State Purchasing Bureau
5	Fuel Cost-per-Gallon (LP gas): (Current eia-U.S. Energy Information Administration)	\$ 2.214	\$ 2.214	Provided by State Purchasing Bureau
Net Cost				
6	Bid Price (Listed on ITB Line # 1)	\$ 205,241.00	\$ 215,315.00	Bidder enters amount
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.	\$ 58,643.00	\$ 94,500.00	Bidder enters amount
8	Total Net Cost (Line 6 - Line 7)	\$ 146,598.00	\$ 120,815.00	Total Net Cost
Operating Costs				
Fuel				
9	Estimated Fuel Use Rate (Gallons Per Hour) "Rated RPM Full Load" or Highest Consumption Rate Tested and Documented Bidder shall supply manufacturers documentation prior to award.	5.2	5.2	Bidder enters amount
10	Projected Number of Hours	5,400	5,400	Provided by State Purchasing Bureau
11	Projected Total Gallons (Line 9 x Line 10)	\$ 28,080.00	\$ 28,080.00	
12	Fuel Cost-per-Gallon (LP gas) (Current eia-U.S. Energy Information Administration)	\$ 2.214	\$ 2.214	Provided by State Purchasing Bureau
13	Total Estimated Fuel Cost (Line 11 x Line 12)	\$ 62,169.12	\$ 62,169.12	
Estimated Maintenance Cost for Parts & Materials (Labor not included)				
14	Total Maintenance Cost	\$ 21,213.39	\$ 17,930.86	Bidder enters amount from Maintenance Cost Work Sheet
15	Total Operating Cost (Fuel + Maintenance) (Line 13 + Line 14)	\$ 83,382.51	\$ 80,099.98	
16	Total Life-Cycle Cost (Net Cost, Line 8 + Total Operating Cost, Line 15)	\$ 229,980.51	\$ 200,914.98	Total Life-Cycle Cost
17	(Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)	\$ 42.59	\$ 37.21	Life-Cycle Cost Per Hour

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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 "Manufacturer's Suggested Retail Price" for Parts	Total Cost	Vendor Supplied "Manufacturer's Suggested Retail Price" for Parts	Total Cost
1	Change Engine oil and filter(s)	36	\$ 165.96	\$ 5,974.56	\$ 155.12	\$ 5,584.32
2	Lube Chassis (grease all zerks)	36	\$ 4.72	\$ 169.92	\$ 3.31	\$ 119.16
3	Change Engine fuel filter(s) and sediment bowl	15	\$ 210.36	\$ 3,155.40	\$ 89.86	\$ 1,347.90
4	Change Engine air filters	10	\$ 215.26	\$ 2,152.60	\$ 131.80	\$ 1,318.00
5	Change Cab air filters	10	\$ 34.99	\$ 349.90	\$ 36.64	\$ 366.40
6	change Hydraulic oil and filters	6	\$ 400.42	\$ 2,402.52	\$ 406.83	\$ 2,440.98
7	Change Transmission oil and filters	6	\$ 401.79	\$ 2,410.74	\$ 346.43	\$ 2,078.58
8	Change Differential oil	6	\$ 249.42	\$ 1,496.52	Inc. Above	
9	Change Rear Tandem/Final Drive oil	6	\$ 330.14	\$ 1,980.84	\$ 689.22	\$ 4,135.32
10	Repack Front wheel bearings include new seals	6	\$ 139.20	\$ 835.20	\$ 16.41	\$ 98.46
11	change oil in front final drives if applicable	6		\$ -		\$ -
12	Adjust Engine Valve clearance	2	\$ 36.08	\$ 72.16	\$ 86.14	\$ 172.28
13	Replace Engine Belt(s)	3	\$ 71.01	\$ 213.03	\$ 89.82	\$ 269.46
Additional maintenance as mandated by the manufacturer for warranty compliance:						
9						
10						
11						
Total Life Cycle Maintenance Cost (To be entered in Line 14)			\$	21,213.39	\$	17,930.86
Comments					Item No. 7 Change Transmission oil and filters & Diff Item No. 10 Repack Front wheel bearings include new seals change oil only	

AWARD EXPLANATION