

Item Description - All Purpose Rubber Tire Vertical Lift Compact Loader		AWARD		
		Murphy Tractor & Equipment	NMC, Inc.	Titan Machinery
Line #	State Agency Data Use for Calculations			
1	Projected Number of Months in Service:	120	120	120
2	Projected Number of Hours of Operation per Month	10	10	10
3	Projected Total Number of Hours	1,200	1,200	1,200
4	Number of Maintenance Cycles Performed Per Year	3	3	3
5	Fuel Cost-per-Gallon: (Current eia-U.S. Energy Information Administration)	\$ 3.868	\$ 3.868	\$ 3.868
Net Cost				
6	Bid Price (Listed on ITB Line # 1)	\$ 29,691.00	\$ 35,000.00	\$ 35,000.00
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.	\$ 24,500.00	\$ 23,052.00	\$ 15,000.00
8	Total Net Cost (Line 6 - Line 7)	\$ 5,191.00	\$ 11,948.00	\$ 20,000.00
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.	2.2	3.37	2.6
10	Projected Number of Hours	1,200	1,200	1,200
11	Projected Total Gallons (Line 9 x Line 10)	2640	4044	3120
12	Fuel Cost-per-Gallon (Current eia-U.S. Energy Information Administration)	\$ 3.868	\$ 3.868	\$ 3.868
13	Total Estimated Fuel Cost (Line 11 x Line 12)	\$ 10,211.52	\$ 15,642.19	\$ 12,068.16
Estimated Maintenance Cost for Parts (Labor not included)				
14	Total Maintenance Cost	\$ 2,561.14	\$ 2,152.68	\$ 3,023.98
15	Total Operating Cost (Fuel + Maintenance) (Line 13 + Line 14)	\$ 12,772.66	\$ 17,794.87	\$ 15,092.14
16	Total Life-Cycle Cost (Net Cost, Line 8 + Total Operating Cost, Line 15)	\$ 17,963.66	\$ 29,742.87	\$ 35,092.14
17	(Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)	\$ 14.97	\$ 24.79	\$ 29.24

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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	Vendor Supplied "Manufacturer's Suggested Retail Price" for Parts	Total Cost
1	Engine filter(s)	20	\$ 10.80	\$ 216.00	\$ 6.46	\$ 129.20	\$ 18.24	\$ 364.80
2	Engine fuel filter(s)	10	\$ 34.32	\$ 343.20	17.65/13.07	\$ 307.20	\$ 27.86	\$ 278.60
3	Transmission filter(s)	10	n/a		Same as Hyd.		n/a	\$ -
4	Engine air filter(s)	10	\$ 67.16	\$ 671.60	21.65/16.59	\$ 382.40	\$ 70.17	\$ 701.70
5	Cab air filter(s)	10	\$ 35.27	\$ 352.70	\$ 40.52	\$ 405.20	\$ 65.09	\$ 650.90
6	Hydraulic filter(s)	15	\$ 52.24	\$ 783.60	\$ 58.57	\$ 878.55	\$ 62.00	\$ 930.00
7	Coolant filter(s)	10	n/a		None	\$ -	n/a	\$ -
8	Engine accessory belt(s)	3	\$ 64.68	\$ 194.04	\$ 16.71	\$ 50.13	\$ 32.66	\$ 97.98
9								
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)		\$ 2,561.14		\$ 2,152.68		\$ 3,023.98	
<b>Comments</b>							*Change Hydraulic Fluid (8.5 Gal) Fluid \$150.00; *Radiator Drain and Flush Fluid \$25.00; *Change Drive Chain Tank Oil Fluid \$250.00	