

Description		Clark Equipment dba Doosan Infracore Construction Equipment	NMC Inc.	Titan Machinery 621F Model		Titan Machinery 721F Model	
State Agency Data Use for Calculations							
1	Projected Number of Months in Service:	156	156	156	156	156	156
2	Projected Number of Hours of Operation per Month	25	25	25	25	25	25
3	Projected Total Number of Hours	3,900	3,900	3,900	3,900	3,900	3,900
4	Number of Maintenance Cycles Performed Per Year	2	2	2	2	2	2
5	Fuel Cost-per-Gallon (LP gas): (Current eia-U.S. Energy Information Administration)	\$ 2.791	\$ 2.791	\$ 2.791	\$ 2.791	\$ 2.791	\$ 2.791
Net Cost							
6	Bid Price (Listed on ITB Line # 1)	\$ 140,699.00	\$ 155,625.00	\$ 124,047.00	\$ 124,047.00	\$ 149,400.00	#####
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.	\$ 17,500.00	\$ 50,333.00	\$ 67,500.00	\$ 67,500.00	\$ 64,831.00	#####
8	Total Net Cost (Line 6 - Line 7)	\$ 123,199.00	\$ 105,292.00	\$ 56,547.00	\$ 56,547.00	\$ 84,569.00	#####
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.	5.2	3.92	2.56	2.56	3.19	3.19
10	Projected Number of Hours	3,900	3,900	3,900	3,900	3,900	3,900
11	Projected Total Gallons (Line 9 x Line 10)	\$ 20,280.00	\$ 15,288.00	\$ 9,984.00	\$ 9,984.00	\$ 12,441.00	#####
12	Fuel Cost-per-Gallon (LP gas) (Current eia-U.S. Energy Information Administration)	\$ 2.79	\$ 2.79	\$ 2.79	\$ 2.79	\$ 2.79	\$ 2.79
13	Total Estimated Fuel Cost (Line 11 x Line 12)	\$ 56,601.48	\$ 42,653.52	\$ 27,855.36	\$ 27,855.36	\$ 34,710.39	#####
Estimated Maintenance Cost for Parts & Materials (Labor not included)							
14	Total Maintenance Cost	\$ 13,101.30	\$ 7,377.89	\$ 8,409.94	\$ 5,384.00	\$ 10,138.26	\$ 6,119.34
15	Total Operating Cost (Fuel + Maintenance) (Line 13 + Line 14)	\$ 69,702.78	\$ 50,031.41	\$ 36,265.30	\$ 33,239.36	\$ 44,848.65	#####
16	Total Life-Cycle Cost (Net Cost, Line 8 + Total Operating Cost, Line 15)	\$ 192,901.78	\$ 155,323.41	\$ 92,812.30	\$ 89,786.36	\$ 129,417.65	#####
17	(Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)	\$ 49.46	\$ 39.83	\$ 23.80	\$ 23.02	\$ 33.18	\$ 32.15

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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		Vendor Supplied "Manufacturer's Suggested Retail Price" for Parts		Vendor Supplied "Manufacturer's Suggested Retail Price" for Parts		Alternative Vendor No. of Maint. Procedures Performed During Life Cycle of Unit	Vendor Supplied "Manufacturer's Suggested Retail Price" for Parts		Alternative Vendor No. of Maint. Procedures Performed During Life Cycle of Unit		
			Total Cost	Total Cost	Total Cost	Total Cost	Total Cost	Total Cost						
1	Change Engine Oil and Filter(s)	26	\$ 122.48	\$ 3,184.48	\$ 73.41	\$ 1,908.66	\$ 87.41	\$ 2,272.66	20	\$ 1,748.20	\$ 87.41	\$ 2,272.66	20	
2	Lube Chassis (grease all zerks complete)	26	\$ 20.35	\$ 529.10	\$ 3.50	\$ 91.00	\$ 3.84	\$ 99.84	20	\$ 76.80	\$ 3.84	\$ 99.84	20	
3	Change Engine Fuel Filter(s)	13	\$ 51.00	\$ 663.00	\$ 51.37	\$ 667.81	\$ 31.75	\$ 412.75	10	\$ 317.50	\$ 31.75	\$ 412.75	10	
4	Replace Transmission Filter(s)	13	\$ 91.08	\$ 1,184.04	\$ 44.60	\$ 579.80	\$ 43.25	\$ 562.25	10	\$ 432.50	\$ 43.25	\$ 562.25	10	
5	Replace Engine Air Filter(s)	6	\$ 75.00	\$ 450.00	\$ 71.41	\$ 428.46	\$ 88.75	\$ 532.50	4	\$ 355.00	\$ 88.75	\$ 532.50	4	
6	Replace Cab Air Filter(s)	6	\$ 65.00	\$ 390.00	\$ 43.32	\$ 259.92	\$ 31.49	\$ 188.94	4	\$ 125.96	\$ 31.49	\$ 188.94	4	
7	Change Transmission Oil/Fluid	6	\$ 231.56	\$ 1,389.36	\$ 36.30	\$ 217.80	\$ 216.01	\$ 1,296.06	3	\$ 648.03	\$ 291.25	\$ 1,747.50	3	
8	Change Hydraulic Oil/Fluid and Filter(s)	4	\$ 628.73	\$ 2,514.92	\$ 439.61	\$ 1,758.44	\$ 510.98	\$ 2,043.92	2	\$ 1,021.96	\$ 769.86	\$ 3,079.44	2	
9	Change Differential/Final Drive Oil/Fluid	4	\$ 242.45	\$ 969.80	\$ 214.50	\$ 858.00	\$ 111.06	\$ 444.24	2	\$ 222.12	\$ 171.40	\$ 685.60	2	
10	Replace Engine Coolant	4	\$ 180.40	\$ 721.60	\$ 98.10	\$ 392.40	\$ 60.42	\$ 241.68	2	\$ 120.84	\$ 60.42	\$ 241.68	2	
11	Adjust Engine Valve Clearance	2	\$ 500.00	\$ 1,000.00	\$ 50.08	\$ 100.16	\$ 60.95	\$ 121.90	2	\$ 121.90	\$ 60.95	\$ 121.90	2	
12	Replace Engine Belt(s)	3	\$ 35.00	\$ 105.00	\$ 38.48	\$ 115.44	\$ 64.40	\$ 193.20	3	\$ 193.20	\$ 64.40	\$ 193.20	1	
Additional maintenance as mandated by the manufacturer for warranty compliance, if necessary:														
Total Life Cycle Maintenance Cost (To be entered in Line 14)			\$ 13,101.30		\$ 7,377.89		\$ 8,409.94		\$ 5,384.01		\$ 10,138.26		\$ 6,119.37	
Comments									Case Corp. and Titan Machinery Provides the Fluids & Filters for the first 3 yrs/3,000 hours through a factory program!				Case Corp. and Titan Machinery Provides the Fluids & Filters for the first 3 yrs/3,000.	

AWARD EXPLANATION