

4200 OF REBID
 Life Cycle Cost - Heavy Equipment
 Department of Roads

Self-Propelled Chip Spreader		
Line #	State Agency Data Use for Calculations	
1	Projected Number of Months in Service:	240
2	Projected Number of Hours of Operation per Month	11
3	Projected Total Number of Hours	2,500
4	Number of Maintenance Cycles Performed Per Year	1
5	Fuel Cost-per-Gallon (LP gas): (Current eia-U.S. Energy Information Administration)	
Net Cost		
6	Bid Price (Listed on ITB Line # 1)	
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.	
8	Total Net Cost (Line 6 - Line 7)	
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.	
10	Projected Number of Hours	2,500
11	Projected Total Gallons (Line 9 x Line 10)	\$ -
12	Fuel Cost-per-Gallon (LP gas) (Current eia-U.S. Energy Information Administration)	
13	Total Estimated Fuel Cost (Line 11 x Line 12)	\$ -
Estimated Maintenance Cost for Parts & Materials (Labor not included)		
14	Total Maintenance Cost	
15	Total Operating Cost (Fuel + Maintenance) (Line 13 + Line 14)	\$ -
16	Total Life-Cycle Cost (Net Cost, Line 8 + Total Operating Cost, Line 15)	
17	(Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)	

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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
1	Engine filter(s)	20		
2	Engine Fuel Filter(s)	20		
3	Transmission Filter(s)	10		
4	Engine air filter(s)	10		
5	Hydraulic filter(s)	10		
6	All Breather filter(s) for tank, gearcases, etc	10		
7	Coolant filter(s)	5		
8	Engine accessory belt(s)	4		
9	Replace conveyor belts and roller bearings	4		
10	Replace hopper drive chain or belt if applicable	4		
11				
12				
13				
14	Vendor added procedures to be listed below as needed			
Total Life Cycle Maintenance Cost (To be entered in Line 14)			\$	-

Invalid Bid
 ROADBUILDERS MACHINERY