

**Department New Request Form**  
**Fiscal Year 2021**

<b>Program</b>	<b>Public Works</b>	<b>Title of New Request:</b>	<b>Rank:</b> <b>1</b>
<b>Department</b>	Streets	Sweeper Lease	
<b>Request Category</b>	<b>Capital Outlay</b>		
<b>Request Rating</b>	<b>Replacement</b>		
<b>Department Goal</b>	Maintain City streets sweeping program		

**1. How will request assist in achieving Department Goal and benefit the customer?**

The City attempts to sweep all City streets a minimum of four times per year. The City is responsible for maintaining approximately 335 centerline miles of City streets/MDT routes. City crews dedicated 11,411 labor/equipment hours and 15,058 labor/equipment hours to street sweeping during FY19 and FY20. Sweeping streets is essential to minimize airborne fugitive particulate and continue compliance with EPA and Missoula County mandated air quality PM10 standards. The City sweeping program also contributes to protecting storm water and ground water quality by removing debris/sediment/petroleum based products accumulated on streets that would otherwise flow into storm drainage infrastructure. The current purchase price of a street sweeper ranges from \$270k - \$300k. Sweepers are high wear and high maintenance equipment under normal operations. However, as sweepers age and wear-out, maintenance costs and down time increase to unacceptable levels. The City's current fleet consists of nine (9) sweepers ranging in age from 6-14 years. The City strives to achieve a 5 year sweeper replacement schedule. During FY20, parts for the sweeping fleet cost the City \$71, 862.

**2. What specifically is needed to achieve this goal?**

Entering this lease agreement will allow the City to remove the four oldest and most worn out sweepers from the fleet. The new leased sweepers will move to front line operation and result in lower maintenance costs. New more reliable sweepers will benefit sweeping program efficiency with reduced equipment break downs. Request funding to cover CMAQ match requirement (approx. 14%) plus MDT administrative fee, (approx. 10%) in order to leverage approximately 85% of total lease agreement cost, estimate at \$1,310,736 for four (4) new street sweepers for a term of five (5) years. Background: The Congestion Mitigation and Air Quality Improvement (CMAQ) program provides a flexible funding source for State and local governments to fund transportation projects and programs to help meet the requirements of the Clean Air Act (CAA) and its amendments. The legislation is codified at 23 USC Sec 149. CMAQ money supports transportation projects that reduce mobile source emissions in areas designated by the U.S. Environmental Protection Agency (EPA) to be in nonattainment or maintenance of the national ambient air quality standards (Ref. USDOT, Federal Highway Administration). Historically, the City participated in purchasing equipment through the CMAQ program until 2016 through use of an exemption to "Buy America Policy" relating to percentage of american made in steel in vehicles. In 2017, exemption rules changed and the City could no longer apply for the exemption to purchase new equipment through CMAQ program. However, leasing equipment with "no option to buy" can be done and is in accordance with CMAQ program requirements, see attached emails and supporting information from Federal Highway

**3. Cost Impact of New Program:**

Account #	Item	Qty	Unit Cost	Requested One-Time	Requested Ongoing	FY 2021 Unfunded	FY 2021 Funded	Proposed FY 2022 Ongoing
<b>Ongoing Expenses</b>								
2512.320.430252.530	Lease Agreement Match	1	63000	-	63,000	63,000	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
<b>Expense Sub-Total</b>				-	<b>63,000</b>	<b>63,000</b>	-	-
<b>One-time Expenses</b>								
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-
				-	-	-	-	-

**Revenue Offset:**

Account #	Revenue Description	Proposed Onetime Revenue	Proposed Ongoing Revenue
2512.000.363020.00	R Road District 1	-	63,000
<b>Revenue Sub-Total</b>		-	<b>63,000</b>

**Net Cost of Impact for New Program 63,000**

**4. What sort of data will be used to report results and outcomes of request and how will it be reported?**

Labor and equipment hours, tons of sweeping debris hauled to landfill, equipment maintenance costs.