

Department New Request Form Fiscal Year 2023

Program	Public Works	Title of New Request:	Rank: 2
Department	Streets	Purchase four vacuum street sweepers through CMAQ funding	
Request Category	Capital Outlay		
Request Rating	Urgent		
Department Goal	Maintain City street sweeping program		

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

Streets crews attempt to sweep all City streets a minimum of four times per year. The City is responsible for maintaining approximately 341 centerline miles of City streets/MDT routes. 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 that would otherwise flow into storm drainage infrastructure. Street sweeper estimated current purchase price is \$302K. Sweepers are high wear and high maintenance equipment under normal operations. Additionally, 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 7-15 years. The City strives to achieve a 5 year sweeper replacement schedule. Current FY22 (5/26/2) parts costs for sweeping fleet are \$65,326 and are expected to exceed \$80,000 by fiscal year end. FY22 budget allocation for sweeper parts is \$47,720. Purchasing four new vacuum sweepers will allow the City to remove the four oldest and most worn out sweepers from the fleet. The new sweepers will move to front line operation and result in lower maintenance costs. New more reliable sweepers will benefit sweeping program efficiency with reduced downtime.

2. What specifically is needed to achieve this goal?

In FY22 City Council approved and funded \$82,644 for the required match to lease four vacuum sweepers for five years through the Congestion Mitigation and Air Quality Improvement (CMAQ) Federal program. Leasing the sweepers was proposed in lieu of purchasing since a waiver was not available for purchasing equipment that did not comply with the Federal "Buy America" policy, which required equipment to be manufactured with USA produced steel. During the final stages of contract implementation disagreements on lease terms occurred and the "Buy America" waiver became available. The contract for leasing sweepers was abandoned. Montana Department of Transportation (MDT) recently applied for a "Buy America" waiver on the City's behalf to allow purchasing of four vacuum sweepers through CMAQ. If the waiver is granted in FY23 and CMAQ funding is available the City will need to provide a one time match of %13.42 of \$1,208,000 in the amount of \$162,114 plus an estimated 10% MDT admin fee at \$16,211 to purchase four vacuum sweepers. Resultant one time cost to the City will be approximately \$178,326. Match amount is based on estimated current cost for one vacuum sweeper of 302K. The unexpended FY22 approved match of \$82,644 will rollover and combine with the approved FY23 allocation for a total available amount of \$165,288, which is deficient by \$13,038. An additional one time allocation of \$13,038 is needed with authorization to use the previously approved lease funds from FY22 and FY23 to purchase four new sweepers. This one time match will allow the City to leverage \$1,029,675 in Federal funds. Background: The 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 CMAQ until 2016 by use of a waiver to the "Buy America" policy. In 2017, Federal rules changed and the City could no longer apply for the waiver to purchase new equipment through CMAQ program. Waiver became available again in 2021.

3. Cost Impact of New Program:

Account #	Item	Qty	Unit Cost	Requested One-Time	Requested Ongoing	FY 2023 Unfunded	FY 2023 Funded	Proposed FY 2024 Ongoing
Ongoing Expenses								
					-	-	-	-
					-	-	-	-
					-	-	-	-
					-	-	-	-
					-	-	-	-
					-	-	-	-
					-	-	-	-
					-	-	-	-
One-time Expenses								
2512.320.439000.940	Machinery & Equipment	1	13038	13,038		-	13,038	
				-		-	-	
				-		-	-	
				-		-	-	
				-		-	-	
				-		-	-	
				-		-	-	
Expense Sub-Total				13,038		-	13,038	-

Revenue Offset:

Account #	Revenue Description		Proposed Onetime Revenue	Proposed Ongoing Revenue
2512	F Fund Balance		13,038	
Revenue Sub-Total			13,038	-

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

Labor and equipment hours, tons of sweeping debris hauled to landfill, equipment maintenance costs.	Requested/Proposed Funding Source		
		One-time	Ongoing
	Tax or Assessment	-	-
	Non-tax	-	-
	Fund Balance	13,038	-
Total	13,038	-	