

**COMMUNITY INVESTMENT PROGRAM**  
**City of Missoula CIP Project Request/Update Form FY 2025 - 2029**

Department Priority		New or Update	Required	Delay	Project Title		
3	of 9	Update	Is this project Required?	Can project be delayed?	2025 Water Production-SCADA Improvements		
Project Rating	Department		Yes	No			
	Public Works						
Plan	Water	Is the project APPROVED for Fiscal Year 2025?				FUNDED?	

Summary Description and rationale of project and funding sources:

Missoula Water's Supervisory Control and Data Acquisition (SCADA) system has many components that are obsolete and no longer being supported by the manufacturer. These include Programmable Logic Controllers (PLC's) at more than 85 well, booster and storage facilities. The replacement of PLC's is anticipated to cost in the range of \$2 million, which will be accomplished over approximately a 10-year period. The system's ethernet radios are also obsolete and will need to be replaced. Those costs are unknown at this time so Missoula Water intends to commission a radio study to provide replacement recommendations. The study is estimated to cost \$50,000 in 2025. The proposed budget for this project is \$250,000 per year starting in Fy25 and increasing 5% per year to account for inflation. These improvements will be funded using enterprise funds.

History & Current Status: Impact if Cancelled or Delayed

Missoula Water began its SCADA replacement project with implementation of two new SCADA servers and new SCADA software in 2024. The project could be delayed but spare parts are no longer available so it is important to start making progress on replacing PLC's.

Are there any site requirements/ Potentially Affected Interest (PAI) Coordination:

How is this project going to be funded:

Funding Source	Prior Years Funding	Yr. 1. budget	Unappropriated subsequent years				
		FY2025	FY2026	FY2027	FY2028	FY2029	
Water		250,000	262,500	275,625	289,406	303,877	
<b>Impact Fees</b>							
Type	Approval	Date	Amount	Amounts			
			—	\$ 250,000	\$ 262,500	\$ 275,625	\$ 289,406
							\$ 303,877

How is this project going to be spent:

Budgeted Funds	Accounting Code	Prior Year Expenses	FY2025	FY2026	FY2027	FY2028	FY2029
P. A. Land		-					
E. B. Buildings		-					
N. C. Improvements	5210.335.430530.940.000	1,498	250,000	262,500	275,625	289,406	303,877
E. D. Machinery & Equipment		-					
E. E. Percent for Art?							
<b>Total</b>		1,498	250,000	262,500	275,625	289,406	303,877

History of project and amount left yet to expend

Total Funded to date	Exps through FY23	FY24 Exps	Amount yet to expend	Description of history (Optional)
\$—	\$—	\$1,497.59	\$(1,497.59)	

Is this equipment prioritized on an equipment replacement schedule?

No

Yes

Is there going to be ongoing Operating and/or Maintenance costs upon completion of the project?

(account for operational savings and/or reduction in current budget of previous operating/maintenance charges)							
Expense Object	Accounting Code		FY2025	FY2026	FY2027	FY2028	FY2029
A. Personnel							
B. Supplies							
C. Purchased Services							
D. Fixed Charges							
E. Capital Outlay							
F. Debt Service	5210.335.490200.610						
G. (Operational Savings)							
			—	—	—	—	—
			—	—	—	—	—

*NOTE: Approval of the CIP does not indicate approval of the ongoing operating and maintenance costs. Those costs must be submitted as a "New Request" in the regular budget process. This will ensure the coordination exists between the CIP and the new request*

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	
Josiah Hodge					