

CAPITAL IMPROVEMENT PROGRAM

City of Missoula CIP Project Request/Update Form FY 2018-2022

Department Priority		Major Department	New or Update	Required Is this project Required?	Delay Can project be delayed?	Project Title		
6	of 23	Parks_and_Recreation	New	Yes	No	Aquatics		
Project Rating	Project Number	Division/ Sub-Department						
Replacement	0	Aquatics	Is the project APPROVED for Fiscal Year 2018?			Yes	FUNDED?	No

Summary Description and rationale of project and funding sources:

Priority Order for Projects: Current year projects described below, see project list for estimated costs and other projects to be funded in future years. The projects listed as part of the facility maintenance program represent the expected lifespan of key facility equipment or attributes whose cost to replace or maintain is such that it is outside the regular operating budget.

FY18 Projects: Pool Blanket, Roller, and a parking spot on deck at Splash (\$25,000), Shade Structures (\$8,000), Natatorium Interior Wall Repaint (\$15,000)

Currents: Replace total 2 Automated Chemical Controllers (\$8,000)

History & Current Status: Impact if Cancelled or Delayed

Items on this list may be repeated at intervals due to expected wear and tear and weather aging. Items on this list may exceed expected lifespan with continued maintenance and care, and will not be replaced until it is deemed necessary. The capital projects listed as part of the upgrade program represent opportunities to expand programming and revenue generation at the facilities. These projects are very important in maintaining excitement and the facilities' viability as attractive places for Missoula's citizens to recreate and maintain their fitness objectives and for City to meet revenue goals.

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

General Public, Missoula Swim Team

How is this project going to be funded:

Revenue	Funding Source	Accounting Code	Prior Year Summation	Yr. 1. budget	Unappropriated subsequent years			
				FY18	FY19	FY20	FY21	FY22
Park District		2513		31,000				
Aquatics Fund Balance			See "UPDATE" tab for detail of revenue funding sources and amounts.	25,000	208,000			
TBD					250,000		1,310,000	65,000
				89,090	56,000	208,000	250,000	1,310,000
								65,000

How is this project going to be spent:

Expense	Budgeted Funds	Accounting Code	Prior Year Summation	FY18	FY19	FY20	FY21	FY22
				FY18	FY19	FY20	FY21	FY22
A. Land Cost								
B. Construction Cost								
C. Contingencies (10% of B)								
D. Design & Engineering (15% of B)								
E. Percent for Art (1% of B)								
F. Equipment Costs		2513.370.*****.940	See "UPDATE" tab for detail of expenditures sources and amounts.	56,000				
G. Other				103,210	56,000	-	-	-

Is this equipment prioritized on an equipment replacement schedule?

N

Is there ongoing Operating and/or Maintenance costs upon completion of project?

Y

If "Y" then complete the section below (Operational Budget Impact)

Operational Budget Impact	(account for operational savings and/or reduction in current budget of previous operating/maintenance charges)				
	Expense Object	Accounting Code	FY18	FY19	FY20
A. Personnel					
B. Supplies					
C. Purchased Services					
D. Fixed Charges					
E. Capital Outlay					
F. Debt Service					
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:

Will reduce chemical order and pool heating costs. See support tab for details.	Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials
	Eric Seagrave	Parks and Recreation	4/24/2017	1/22/2018 15:18	KM

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City of Missoula CIP Project Request - [Update Form](#) for FY2018-2022

Department Priority		Major Department	New or Update	Required	Delay	Project Title		
6	of 23	Parks_and_Recreation	New	Is this project Required?	Can project be delayed?	Aquatics		
Project Rating	Project Number	Division/ Sub-Department		Yes	No			
Replacement		Aquatics	Was the project APPROVED for the prior Fiscal Year 2017?		Yes	FUNDED?		Yes

Please complete the remainder of the pertinent information below:

Provide an update on the project; phase x of x; % complete; outstanding items/purchases; what is remaining to complete the project.

Capital improvement - Currents - Boiler #3 heat exchanger- Contracted for: \$35,030. Heat exchanger arrived in Feb 2017.

Splash Lazy River Title Project - \$68,000 - paid deposit out of FY16 and completed project in FY17.

Concessions Food & Beverage Specific Point of Sale System: Cancel this project. New Rec Trac - meets need.

Currents Engineer Feasibility and Install of VFD's on Motors: unable to find appropriate engineer to do the study. Postpone while we search for 3rd party (grant) funding to complete the study.

Splash: Pool Blanket, Roller, Parking Spot for Pond: Move to FY 2018

Currents: Coin Operated Locker System: Move to FY 2019 and research debit card locker options

Splash: Bear Slide Resurface smooth ride/paint: complete in-house with existing operating budget

Project Revenues

Funding Source	Accounting Code	Actual FY 2015	Actual FY2016	Budgeted FY2017	Actual FY2017	Variance FY 2017	Total Project Revenue
Park District	2513			\$ 89,090	\$ 89,090	\$ -	\$ 89,090
		\$ -	\$ -	\$ 89,090	\$ 89,090	\$ -	\$ 89,090

Project Expenditures

Funding Source	Accounting Code	Actual FY 2015	Actual FY2016	Budgeted FY2017	Actual FY2017	Variance FY 2017	Total Project Expenditures
Park District	4060.39046000.940			\$ 89,090	\$ 103,210	\$ (14,120)	\$ 103,210
		\$ -	\$ -	\$ 89,090	\$ 103,210	\$ (14,120)	\$ 103,210

CAPITAL IMPROVEMENT PROGRAM

Project description/Rating

(See C.I.P Instructions for explanation of the Project Rating and Rational that is required)

Department Priority	Project Rating	Department	New or Update	Project Title
6 of 23	Replacement 0	Parks_and_Recreation Aquatics	New	Aquatics
Project Rating #1		Project Rationale #1		
Required Is the project necessary to meet a contractual obligation, Federal, State, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other such requirements.		Replacement for existing eleven year old controllers. Parts are no longer available. Need to upgrade to new controller system. See NOTES for more detail related to this project.		
Project Rating #2		Project Rationale #2		
Replacement Does the project or asset replace an existing asset that is at the end of its useful life (and is not already included in the Core replacement program or up for replacement)?		Being as efficient as possible while still providing a level of security in the quality of recreational water is generally recognized as necessary. Based on broad citizen support and investment it is necessary we commit to cyclic and routine maintenance while also continuing to invest in effective revenue generation amenities. Replacement of shade covers at Splash and re-painting walls in the Natatorium at Currents are two projects needed for FY18.		
Project Rating #3		Project Rationale #3		
Efficiency Does the project demonstrate a clear efficiency or productivity gain as demonstrated by a cost/benefit analysis? Include analysis and supporting documentation.		Putting a pool blanket on a pool in the evening hours is one of the most basic energy savings measures out there for swimming pools. The cover stops evaporation, which occurs through the night, thus saving on replacement water, which then needs to be heated and treated to swimming temperature. Thus a blanket should reduce Splash Montana's water usage and heating expense. When installed on the 50m pool, it made an immediate impact and while the Pond does not have the volume of water that the 50 does, it does have a large square footage, meaning a large exposure to the dry summer air for what water it does have. This project will include purchasing the blankets, the blanket roller to contain the blankets when they are not in use, and create a cement parking spot in the landscaping, so that the roller will fit harmoniously into Splash's natural environment .		
Project Rating #4		Project Rationale #4		
#N/A				

Aquatics - Cyclic maintenance and Revenue Generation FY 2013 - FY 2024

Facility Projected Cost FY 2013-2024			
FY 14 ending Reserve Balance	\$ 60,000		
		Maintenance 493 Account Budget	\$ 35,000.00
		FY 14Expenditures	\$ 20,500
		FY 14 Balance	\$ 14,500.00
		FY 15 Projects	\$ -
		FY 16 Projects (budgeted in 4060)	\$ 92,000.00
FY 15 Projects	\$ -	Expended - two boilers	\$ 68,940.00
FY 15 ending Cash on Hand balance	\$ 204,350 (per finance)	Balance - use for tile project	\$ 23,060.00
FY 16 Projects	No projects - on hold	FY 17 Projects:	
		Tile projects	\$ 68,180.00
		Boiler	\$ 35,030.00
FY 17 Projects	Balance Start of FY 17		
FY18 Projects	\$ 56,000	FY18 Projects	\$ 56,000.00
		Total Maintenance Projects FY 13-FY 24	\$651,740
		Avg/Maintenance/12 years	\$ 54,312
Total Capital Projects FY 13-FY 24	\$ 1,756,500		
Avg/Capital/12 Years	\$146,375		
		Current Maintenance Budget @ \$35K *12	\$ 420,000
		Diff	(\$231,740)
Total Capital/Maintenance/Avg/12 years	\$ 200,687		

Capital Improvement Pro

SCHEDULE FOR CAPITAL IMPROVEMENTS AND MAINTENANCE FY 13-FY 24

Support for Pool Cover: The energy and chemical supply cost the pool cover will reduce are estimated at approximately \$1,900 per year. The cost of the cover itself will be recouped in 3.5 years. The total project cost of the \$25,000 project will be recouped in approximately 10 years.

There are sustainability measures of using less energy to heat the pool and less caustic chemicals to treat the water to be considered as positive.

additional savings:	Montana	Billing:	Average/City: 4	Total Savings 7 yr: \$14,736
			4	
			Months Pool Used	
Pool Length	40		Cover Quote: \$10000	
	<input max="100" min="0" type="range" value="40"/>		NOTE: The default value is used for reference only and does not represent a true cost of a cover.	
Pool Width	35		For a more accurate cover calculation, obtain a quote from your local dealer.	
	<input max="100" min="0" type="range" value="35"/>			
Pool Size	1400 Sq. Feet		Actual Cover Cost: \$5,236	
	<input max="10000" min="0" type="range" value="1400"/>			
Gas	78		Email Results	
Average Cost/City \$0.664			Share Results	
Heat Cost:	\$ 0.084		Request a Dealer	
	<input max="0.15" min="0" type="range" value="0.084"/>			
Therm				
Heat Cost			Resources:	
without a Cover	\$2,472		Department of Energy	
with a Cover	\$200		EIA: State Electricity Profiles	
Savings	\$1,722		EIA: Natural Gas Prices	
Chemical Cost				
without a Cover	\$200			
with a Cover	\$77			
Savings	\$183			
Additional Savings:				
Saved Lives	<input max="100" min="0" type="range" value="0"/>		Maintenance Time	
Hours	<input max="100" min="0" type="range" value="0"/>		Hours	
Evaporation	<input max="100" min="0" type="range" value="0"/>		Wear & Tear	
hrs	<input max="100" min="0" type="range" value="0"/>		hrs	