

City of Missoula – Energy Performance Contract

Master Contract – Phase 1 Scope of Work

Aquatics (Parks)

Buildings: Currents Aquatics Center, Splash Montana

Cost: \$2,045,276

20-yr cost savings: \$2,156,833

Emissions reduction: 217 MtonCO₂e annually

Projects:

- CURR 01.01 Optimized Boiler Piping for Pool & DHW
 - CURR 01.02 Reduce Glycol Concentration
 - CURR 09.01 LED Lighting
 - CURR 13.01 Envelope Sealing, Caulking, etc.
 - CURR 17.01 Pool & Feature Pump Variable Frequency Drives (VFDs)
 - CURR 17.06 Sewer Deduct Meter
 - CURR 17.07 Chlorine Generation
 - SPL 09.01 LED Lighting
 - SPL 13.01 Envelope Sealing, Caulking, etc.
 - SPL 17.01 Pool & Feature Pump Variable Frequency Drives (VFDs)
 - SPL 17.04 Well for Pool Water
 - SPL 17.07 Chlorine Generation
 - SPL 19.04 Water Conservation
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City Shops

Buildings: Vehicle Maintenance Building B

Cost: \$1,165,350

20-yr cost savings: \$579,193*

Emissions reduction: 142 MtonCO₂e annually

Projects:

- SHOPS 03.02 Make-Up Air Unit & Exhaust Fans Replacements*
- SHOPS 09.01 LED Lighting
- SHOPS 13.01 Envelope Sealing, Caulking, etc.
- SHOPS 13.03 Overhead Door Controls

*this project saves costs but primarily addresses critical deferred maint. that impacts occupant health and safety

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Fire

Buildings:	Stations 1, 2, 3, 4, & 5
Cost:	\$630,482
20-yr cost savings:	\$544,229
Emissions reduction:	108 MtonCO ₂ e annually

Projects:

- FS-1 09.01 LED Lighting
 - FS-1 13.01 Envelope Sealing, Caulking, etc.
 - FS-1 19.06 Water Conservation
 - FS-2 04.01 Control System Update & Integration
 - FS-2 04.02 Occupancy & Demand Controlled Ventilation for AHU
 - FS-2 09.01 LED Lighting
 - FS-2 13.01 Envelope Sealing, Caulking, etc.
 - FS-2 13.03 Roof Replacement
 - FS-2 19.07 Water Conservation
 - FS-3 04.01 Control System Update & Integration
 - FS-3 09.01 LED Lighting
 - FS-3 13.01 Envelope Sealing, Caulking, etc.
 - FS-3 19.08 Water Conservation
 - FS-4 04.01 Digital Controls Update & Integration
 - FS-4 09.01 LED Lighting
 - FS-4 13.01 Envelope Sealing, Caulking, etc.
 - FS-4 19.05 Water Conservation
 - FS-5 04.01 Digital Controls Update & Integration
 - FS-5 04.02 Occupancy Sensing & Demand Control Ventilation (DCV) for AHU
 - FS-5 09.01 LED Lighting
 - FS-5 13.01 Envelope Sealing, Caulking, etc.
 - FS-5 13.03 5-yr Roof Maintenance
 - FS-5 19.09 Water Conservation
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Missoula Art Museum

Buildings: Missoula Art Museum
Cost: \$150,381
20-yr cost savings: \$183,743
Emissions reduction: 35 MtonCO₂e annually

Projects:

- ART 04.01 Control System Update
 - ART 04.02 Add Office Zone & Thermostat
 - ART 04.03 Conference Room Independent Zone & Thermostat
 - ART 09.01 LED Lighting
 - ART 13.01 Envelope Sealing, Caulking, etc.
 - ART 19.02 Water Conservation
 - FS-1 04.01 Control System Update & Integration
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Parking Commission

Buildings: Bank Street Garage, Central Park Garage, Park Place Garage
Cost: \$395,903
20-yr cost savings: \$435,916
Emissions reduction: 81 MtonCO₂e annually

Projects:

- BANK 09.01 LED Lighting
 - BANK 13.01 Envelope Sealing, Caulking, etc.
 - CEN 09.01 LED Lighting
 - CEN 13.01 Envelope Sealing, Caulking, etc.
 - CEN 13.01 Water Leakage Remediation
 - CEN 19.03 Water Conservation
 - PARK 04.01 Elevator Equipment Heater Thermostat
 - PARK 09.01 LED Lighting
 - PARK 13.01 Envelope Sealing, Caulking, etc.
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