
**2007-08 EQUIPMENT RESERVE
ACQUISITION DESCRIPTIONS**

General Fund Equipment Reserve

Parks and Recreation

Kiln \$3,363

The new kiln will be utilized by the fused glass jewelry classes and the mosaics classes. The kiln currently in use is designated exclusively for ceramics projects.

Large Area Mower \$115,200

Parks and Recreation utilizes a large front and side deck riding mower for mowing large parks and sports field areas. It has a 16.5 foot cutting path that reduces time taken to mow these larger areas. This unit is utilized on a daily basis in order to keep turf areas mowed for aesthetics, athletic use and to reduce issues with pest and turf disease. Existing equipment is seven years old and is in a constant state of disrepair due to daily use.

Small Area Mower \$37,500

Parks and Recreation utilizes a front deck riding mower for mowing smaller parks and landscaped turf areas that cannot be accommodated by the larger mower. This unit is utilized on a daily basis in order to keep turf areas mowed for aesthetics and to reduce issues with pest and turf disease. Existing equipment is nine years old.

Senior Shuttle Bus \$77,472

This Parks shuttle bus is utilized for the Senior Center. It will replace a ten-year-old bus that is in a constant state of disrepair due to continuous use. The bus will be a minimum of 20 passengers and will include wheelchair access.

Sports Field Prep Truck \$18,900

Parks and Recreation utilizes this small truck for preparing sport fields. Excessive exposure to dust related to dragging infields reduced the life of this vehicle, which will be replaced by another existing pick-up used by a Parks Supervisor. The Parks Supervisor vehicle will then be replaced with an alternative fuel vehicle.

Universal Centurion Physical Equipment \$4,700

The new treadmill will be used in the weight room at the Recreation Center. It replaces the older treadmill that is no longer working. The weight room is open 7 days per week and is available to San Bruno residents for a small fee. The treadmill is the most popular item in the weight room.

Equipment Reserve

Police

Radio Equipment \$15,000

The Police Department expects to replace one transmitter located at the Cable TV facility on Arbor Court. This transmitter is the primary transmitter for all radio traffic on the primary police radio channel. The anticipated cost of \$15,000 is well within available reserves. It is anticipated that one additional transmitter will be replaced in each of the next two fiscal years.

Unmarked Detective's Car \$18,000

The Police Department will be replacing one unmarked vehicle. After consultation with the Mechanics Shop, it was determined that the 1997 Monte Carlo is in need of replacement. The mileage and frequency of repairs creates a situation where it is no longer cost effective to retain this vehicle in the Police Department fleet.

Canine Units and Access \$13,205

The Police Department currently is operating with only one canine officer. Two canine officers are currently authorized within the department and a second officer will be appointed within this fiscal year. The anticipated cost for the dog, equipment, handler training, narcotics detection training and installation of a pad, fencing and dog house at the handler's home are included in this request.

General Fund Equipment Reserve Expenditure Total \$303,340

Water Fund Equipment Reserve

Emergency Response Truck \$40,000

The Water Division's 2001 Ford one-ton truck, the 24-hour emergency response vehicle, has exceeded its useful life. The request includes \$28,000 for the vehicle and \$6,000 for the service bed and tools. The current vehicle has experienced multiple and costly repairs in the past couple of years. The Central Garage staff anticipates that these repairs will only increase with more use.

Portable Above-Ground Water System \$90,585

This project upgrades and replaces existing mobile equipment used to pump water or otherwise bypass portions of the water distribution system during periods of failure or maintenance. The current emergency portable water hose system is transported on a flatbed trailer and every 100-foot section of five-inch hose is rolled out and installed by hand. Maintenance staff places portable ramps to allow vehicles to drive over the deployed hose. Ramps and hose currently in use were purchased in 1995 and have outlived their useful life. The proposed project replaces this antiquated and worn system with 1,000 feet of new hose, 24 new portable ramps and an automated hose deployment reel mounted on a trailer than can be easily towed throughout the City's distribution system by any Water Division vehicle.

Water Quality Mini-Van	\$30,000
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The Water Division needs to replace a 1991 Chevrolet S-10 with a water quality mini-van. The request includes \$25,000 for the vehicle and \$5,000 for equipment. The Water Division currently stores all water samples taken from the distribution system in a cooler stored in the back of the current vehicle. The Division needs to take better care of transporting all water samples to a certified lab for testing. The new vehicle will minimize exposure from the outside elements and contaminants that possible change the quality of the samples taken. During the rainy season the Water Quality Technician must prepare multiple samples in the front seat of the S-10 to keep the samples from being exposed to outside contaminants and excess sunlight. The van would allow the Water Quality Technician to store the testing equipment and supplies in a more secure environment and keep the water quality samples from possible contaminants and climate changes that may affect the samples' quality.

Water Fund Equipment Reserve Expenditure Total	\$160,585
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Wastewater/Streets Equipment

Asphalt Zipper	\$86,600
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Two old pieces of street maintenance equipment, the asphalt spreader and the line stripper, are no longer used in City operations but were both used for the same general type of maintenance that we will use the new equipment for. This proposal would divide the cost of the Zipper between the Street and Wastewater divisions. The City suspended its overlap program several years ago and has not yet reinstated it. This has caused an increase in the number of potholes staff is repairing, up from roughly 2500 to 4800 per year. Many of the same potholes have to be filled in multiple times. Currently, staff is using either temporary cold patch or a sheeting program to take care of the potholes. The Asphalt Zipper will enable staff to grind down to the base and fill with a 4-inch asphalt lift, repairing not just the pothole but the cracked area around it. A repair done with the Asphalt Zipper would prevent further damage.

Wastewater/Streets Equipment Expenditure Total	\$86,600
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Technology Equipment Reserve

Disaster Recovery Project	\$62,000
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This project will implement a disaster recovery site to ensure continued critical operations in the event of emergency. Using virtual machine technology, the goal of this project is to ensure that technology services can be restored within a defined period of time, also reducing the vulnerability of the City's data network and to develop and test IT recovery plans and procedures. The project will meet the infrastructure and recovery objectives for the 20+ City software applications.

Technology Equipment Reserve Expenditure Total	\$62,000
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