



**COUNTY OF SAN MATEO**  
Inter-Departmental Correspondence  
Public Works and Parks



**Date:** December 3, 2012  
**Board Meeting Date:** December 11, 2012  
**Special Notice / Hearing:** None  
**Vote Required:** Majority

**To:** Honorable Board of Supervisors

**From:** James C. Porter, Director of Public Works and Parks

**Subject:** Strategic Energy Master Plan for County Facilities

**RECOMMENDATION:**

Adopt a Resolution authorizing the adoption, implementation, and funding of the Strategic Energy Master Plan for County Facilities.

**BACKGROUND:**

On February 15, 2011, your Board adopted Resolution No. 071280 approving an agreement with Enovity Inc. to develop the Strategic Energy Master Plan (SEMP) for County facilities. Enovity developed the SEMP working closely with the County's Continuous Energy Improvement Team (CEI), comprised of representatives from the County Manager's Office, Department of Public Works and Parks, and Real Property.

**DISCUSSION:**

Enovity conducted investment grade energy audits of the County's ten largest energy consuming facilities. These audits included the assessment of current County processes, responsibilities and initiatives related to energy management. Enovity's work resulted in a comprehensive "Strategic Energy Master Plan for County Facilities" consistent with the overall County Energy Strategy Master Plan. Taking into consideration the results of these detailed energy audits, Enovity developed strategies and a prioritized list of facility-specific energy upgrade project recommendations, including estimated project costs and energy savings information that will be used for future budget and planning purposes. Enovity recommends \$18.7 million will be required to complete 71 specific measures over the next eight years.

A full, fast-tracked implementation of the SEMP will initially require the Department's Energy Program Manager, who presently manages other Capital Projects, to be dedicated fulltime to energy-specific projects, the development of a countywide Facilities Energy Management Information System, and adequate staff to manage the resulting energy-specific projects. The requested funding will be used for

implementation costs this fiscal year. Future funding of the SEMP could be generated through energy savings and rebates, grants, or General Fund allocations.

County Counsel has reviewed and approved the Resolution as to form.

Implementation of the SEMP for County facilities contributes to the Shared Vision 2025 outcome of an Environmentally Conscious Community by advancing the County's effort to achieve its environmental sustainability goals by conserving energy, reducing greenhouse gases, and increasing renewable energy usage in County facilities.

**FISCAL IMPACT:**

Implementation of the SEMP requires an initial \$500,000 in funding for FY 2012/2013 to establish the program. This can be achieved without increase to the current Capital Projects budget, by reallocating a portion of the balance remaining in the Tenant Improvements project at Circle Star Plaza, which is no longer required due to the facility being leased to private tenants and not being occupied by County departments. Funding for ongoing implementation of the SEMP will be included in the regular Capital Improvement Program.

The Strategic Energy Master Plan can be viewed at:

[http://www.co.sanmateo.ca.us/publicworks/DepartmentArticles/Road%20Construction/DRAFT\\_Strategic\\_Energy\\_Master\\_Plan.pdf](http://www.co.sanmateo.ca.us/publicworks/DepartmentArticles/Road%20Construction/DRAFT_Strategic_Energy_Master_Plan.pdf)