

Real Estate Services Division
Energy Efficiency and Sustainable Building Performance Goals
July 1, 2002

Project #:
Project Title:
Project Director:
Project Phase:

ENERGY EFFICIENCY AND SUSTAINABLE BUILDING PERFORMANCE GOALS

The goals of the State of California are “...to site, design, deconstruct, construct, renovate, operate, and maintain state buildings that are models of energy, water, and materials efficiency; while providing healthy, productive and comfortable indoor environments and long-term benefits to Californians.

The objectives are to implement the sustainable building goal in a cost effective manner, while considering externalities; identify economic and environmental performance measures; determine cost savings; use extended life cycle costing; and adopt an integrated systems approach. Such an approach treats the entire building as one system and recognizes that individual building features, such as lighting, windows, heating and cooling systems, or control systems, are not standalone systems.”

(Governor’s Executive Order D-16-00, in part)

“...It is further ordered that sound and smart growth patterns shall receive maximum support consistent with the foregoing state priorities, including the following considerations:

- ...Proximity to public transit and other needed infrastructure;
- Proximity to affordable and available housing;
- Pedestrian access to retail and commercial facilities, and exploiting opportunities for mixed use;...
- Communication with residents, property owners and businesses regarding local concerns;
- Advice and recommendations of local elected officials and their staff with consideration to any incentives offered by local government.”

(Governor’s Executive Order D-46-01, in part)

DESIGN WORK:

- A. Project shall be designed in accordance with all applicable laws and regulations including, but not limited to, the following:
1. California Code of Regulations, Title 24, Part 6, *California Energy Code* – Current Edition
 2. Government Code Section 15814.30-31
- B. This project shall be designed and constructed within the initial project budget to exceed the energy efficiency requirements of Title 24, Part 6, *California Energy Code* – Current Edition, as of the initiation of Preliminary Plans, by a minimum of 10%, unless this is documented by the Consultant, to the satisfaction of the State, to not be cost effective. In such case the project shall be designed and constructed within the initial project budget to exceed the energy efficiency requirements of Title 24, Part 6, *California Energy Code* – Current Edition by the maximum amount that is determined by the consultant to be cost effective.

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C. Consultant shall perform analyses of the US Green Building Council's (USGBC) "Leadership in Energy and Environmental Design" (LEED) criteria as it applies to the design and construction of this project. While it is not required that an official USGBC certification and rating be obtained, unless otherwise stated elsewhere in this contract, the equivalent score of a "Certified" rating, or better, is required for this project. When calculating energy savings, use Title 24, Part 6, *California Energy Code* – Current Edition as the baseline. A LEED Analysis Report shall be generated by the Consultant, (at intervals indicated below), and shall include the following:

1. Version of LEED being used for the analysis.
2. Explanation of each LEED point attained by the project design.
3. Total LEED numerical score and equivalent rating level for the project.
4. Statement signed by a California licensed architect or engineer that in their professional opinion the above three items provide an accurate estimate of the LEED score and rating that could be attained by the project at that time.

Note: Items D, E and F below are in reference to this Exhibit C – LEED and are in addition to any other requirements for submittals indicated elsewhere in this contract.

D. Consultant shall submit the following at the completion of the Preliminary Plans phase:

1. LEED Analysis Report.

E. Consultant shall submit the following at the completion of the Working Drawing phase:

1. Summary Report from the Title 24 compliance software run.
2. Compliance Forms as required by Title 24.
3. Updated LEED Analysis Report.

F. Consultant shall submit the following at the completion of the Construction phase:

1. Final LEED Analysis Report.

Resources (for informational purposes only):

Reference Specifications for Energy and Resource Efficiency, a sample specification prepared under the auspices of the California Energy Commission, Public Interest Energy Research (PIER), 2001, may be downloaded at www.eley.com/specs/index.htm. See section 1350 for materials and installation practices.

Matrix: Overview of Recycled Content Levels and Product Availability, by the California Integrated Waste Management Board, 2001, provides examples of recycled content products used on other California construction projects: www.ciwmb.ca.gov/GreenBuilding/Materials/Matrix.htm.

LEED Supplement for California State Facilities: www.ciwmb.ca.gov/greenbuilding/Design/LEEDforCA.doc
based on US Green Building Council LEED 2.0: www.usgbc.org/programs/.