



Building A Better Long Beach

June 1, 2009

REDEVELOPMENT AGENCY BOARD MEMBERS
City of Long Beach
California

RECOMMENDATION:

Approve and authorize the Executive Director to increase the construction contract for New Creation Builders by \$30,000 for the purpose of adding a solar power lighting system to the Downtown Dog Park at 906 Pacific Avenue. (Central – District 1)

DISCUSSION

On December 15, 2008 the Redevelopment Agency (Agency) Board approved a construction contract with New Creation Builders for the purpose of constructing the Downtown Dog Park at 906 Pacific Avenue.

Construction of the dog park is ninety percent complete with an expected completion date of June 13, 2009. The dog park's design takes a unique approach to sustainability that incorporates low impact development concepts creating an interactive space for dogs in a location that would have otherwise remained vacant and underutilized. The park includes a natural drainage system carried out through a series of strategically located bioswales, two bench structures at the entrance of the park and a large deck made out of recycled wood, drought-tolerant landscaping, decomposed granite and a test site for artificial turf.

The project was originally designed with a conventional lighting system. During the course of construction, the opportunity to install an off-grid solar power system was presented that allowed the dog park to maintain the same level of lighting produced by the conventional system. The proposed system allows the park to become completely independent of the City's power grid by generating 100% of its electricity needs on site. Agency staff, working collaboratively with the North Pine Neighborhood Alliance, determined that the solar power system would provide the most value to the Dog Park and complement the sustainable features already in place.

The system will be provided by Solar Source Power, Inc., a local Long Beach business that is also a member of the City's Green Business Association. The proposed solar powered lighting system will include a solar array of six photovoltaic panels mounted on the roof of the overhead bench structures at the entrance of the park. Energy produced by the solar panels will be stored in four battery packs that will power the low wattage LED light fixtures.

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The total system cost is \$30,000, which includes a 20 percent contingency to cover any additional work that may become necessary during the course of construction. Acting as a sub-contractor to New Creation Builders, the solar system will be fully installed by Solar Source Power, Inc. within seven business days allowing the project to continue on schedule.

SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,



CRAIG BECK
EXECUTIVE DIRECTOR

CB:AJB:DSW:EM