

City of Brisbane
Agenda Report

TO: Honorable Mayor and City Council Members

FROM: Director of Marina and Aquatic Services, via City Manager

SUBJECT: Marina Promenade Lighting Replacement Project

DATE: For meeting of April 6, 2009

PURPOSE:

To increase the budget amount on the City Council approved Marina promenade lighting replacement project.

RECOMMENDATION:

To increase the approved promenade lighting replacement project budget to an amount not to exceed \$76,134.72.

BACKGROUND:

The City Council, at a special meeting of June 23, 2008, approved a budget of \$70,000.00 for fiscal year 2008/2009 to replace the promenade lights and desired to utilize LED lighting.

DISCUSSION:

Commercial use of LED lighting in public places is a relatively new technology and appropriate sizes and types of available bulbs are limited. Staff has researched many companies, including Phoenix Electric, who supplied the City Hall parking lot lighting with LED fixtures. Phoenix was only able to locate an LED bulb manufacturer that could retrofit a bulb to existing parking lot lights known as the Shoe Box Style. Staff concluded that the Shoe Box Style of lighting would not be an appropriate design look for the promenade sidewalk at the Marina. An extensive search for an overhang nautical style of light fixture that could accommodate a currently manufactured LED bulb was then undertaken. Several companies, manufacturers and associated lighting representatives were researched for this purpose. Staff reviewed the companies P.I. Electric, Ford Associates, Inc., Doelcher Lighting Innovations, Lumex, Niland and several others for pole and fixture styles that would accommodate an LED light and match the design at the Marina. We reviewed six designs of poles and fixtures that were appropriate, ranging in price from \$52,030 to \$64,900 before tax. They were all similar in design and material. We chose the lesser priced poles and fixtures for \$52,030.

The LED lights that are available to fit the fixtures were \$10,912 before tax. We purchased both the poles, fixtures and LEDs last month to save money on the sales tax increase (scheduled) for April 1st, 2009. By purchasing the items at that time, we saved The City \$629.43. The purchase cost of the lights and fixtures, to date, with tax, is \$68,134.72.

An informal preliminary quote from one of the suppliers for the labor costs to remove and replace the poles came in at over \$14,000. I decided at that point to simply seek a service contract for installation.

The labor cost to remove the old lights and replace them with the new ones is estimated to be between \$4,160 - \$5,200 with a "not to exceed" service contract in the amount of \$8,000. Therefore, the total cost of this project is estimated to be between \$72,294.72 to a maximum of \$76,134.72.

While we were able to economize on the cost of the poles and labor, the LED bulb manufacturer only gave a small discount to the supplier, and competitive manufacturers do not yet exist.

The Council had previously approved the expenditure of \$70,000 from the Parks and Recreation Capital Project Fund.

FISCAL IMPACT:

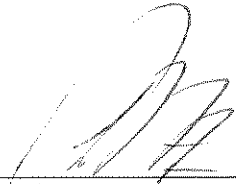
We would need to spend an additional \$2,294.72 to \$6,134.72 from the Parks and Recreation Capital Project Fund. This amount would be slightly offset by a one-time PG&E grant of approximately \$700.00 on a kilowatt savings rebate program for using the LED lightbulbs.

MEASURE OF SUCCESS:

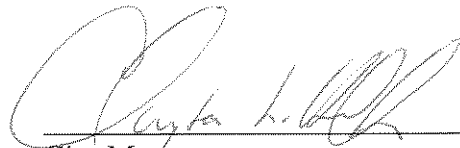
This would provide pedestrians with safe, environmentally sound, energy efficient, as well as attractive, public lighting.

ATTACHMENTS:

"Not to Exceed" Service Contract



Director of Marina and Aquatic Services



City Manager

Doelcher Lighting Innovations

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Benicia, Ca. 94510
707-319-2973 / lights@doelcher.com

City Of Brisbane Marina
Attn: Ted Warburton, Marina Services Director
400 Sierra Point Parkway
Brisbane, Ca. 94005

3/13/2009

Description	Qty	Cost	Total
Installation of PLSC #VC-200W-INC-MOGUL BASE I20/277V-5-CG-IW-1A-CI-GR/BDA-4N 24 2275 54,600.00T	22		\$8,000
<p>This is a <u>“Not to exceed”</u> amount, installation crew and equipment include 2 men @ \$65/hr each and Bucket Truck</p> <p>Anticipated project time required between 32 and 40 hours (\$4,160 / \$5,200), final billing reflects only actual time that is required for installation.</p> <p>Workers are covered by Workman’s Compensation.</p>			

Signature _____ Note: this proposal may be withdrawn if not accepted within 30 days

Jack Doelcher, Doelcher Lighting Innovations 707-319-2973