

City of Sacramento

Legislation Details (With Text)

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Title: Contract: Lighting Energy Efficiency Upgrades Phase 2 (C13001900)
Sponsors:
Indexes:
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Attachments:

Date	Ver.	Action By	Action	Result
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Title:
Contract: Lighting Energy Efficiency Upgrades Phase 2 (C13001900)

File ID: 2019-00195

Location: Citywide

Recommendation:

Pass a Motion: 1) approving the scope and specifications for the Lighting Energy Efficiency Upgrade Phase 2; 2) adding Green Energy Construction dba Green Energy Products to the list of approved vendors for all phases from the previous Motion No. 2018-0095; 3) awarding a construction contract to Green Energy Construction dba Green Energy Products, in an amount not to exceed \$335,145; and 4) authorizing the City Manager or the City Manager’s designee to execute the contract specified above.

Contact: Joseph J. Gluvers, Associate Engineer, (916) 808-8427; Jennifer Venema, Sustainability Manager, (916) 808-1859; Mark C. Brown, Supervising Engineer, (916) 808-7118, Department of Public Works

Presenter: None

Attachments:

- 1-Description/Analysis
- 2-Contract

Description/Analysis

Issue Detail: The Phase 2 Lighting Energy Efficiency Upgrades consist of replacing the existing lighting sources with LED lamps and fixtures for all interior and exterior lighting at the identified City facilities. The proposed upgrades are calculated to save \$61,181 annually for a 5.48-year simple payback period. The reduction in energy usage will also reduce the carbon dioxide released into the atmosphere by 282 metric tons per year.

Policy Considerations: The recommendation in this report is in accordance with the provisions of City Code Chapter 3.60.

Economic Impacts: The recommended contract is expected to create 1.3 jobs (0.8 direct job and 0.5 jobs through indirect and induced activities) and create \$206,930 in total economic output (\$130,430 of direct output and another \$76,500 of output in indirect and induced activities).

The indicated economic impacts are estimates calculated using a calculation tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1 million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impacts could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

Environmental Considerations: The action is exempt from review under the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines section 15302. The action consists of the replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced. The action involves replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity.

The recommended project is covered by the above-mentioned exemption because the project involves replacement of existing light fixtures at City facilities, and the new light fixtures will be located at the same site as the replaced fixtures and have substantially the same purpose and capacity as the replaced fixtures.

Sustainability: Retrofits to existing facilities are the primary strategy to meet energy reduction targets for existing City buildings. The recommendations in this report will continue progress toward the City's goal of reducing greenhouse gas emissions from internal operations 22 percent by 2020, as established in General Plan Policy 6.1.6 (Environmental Resources) and the City's Climate Action Plan for Internal Operations (Motion No. 2016-0178).

Commission/Committee Action: None

Rationale for Recommendation: On April 10, 2018, City Council adopted Motion No. 2018-0095 suspending competitive bidding, authorizing the participation in the Sacramento Municipal Utilities District (SMUD) Complete Energy Solution (CES) program administered by Ecology Action and directing staff to return with an agreement with one of the program contractors. This is the agreement for Phase 2. Green Energy Construction dba Green Energy Products is a program contractor using the fixed program pricing.

Financial Considerations: Sufficient funding is available in the Energy Reinvestment Program (C13001900) to award a construction contract to Green Energy Construction dba Green Energy Products in an amount not to exceed \$335,145, cover the remaining Phase 2 costs, and complete the remaining phase, Phase 3.

Local Business Enterprise (LBE): Green Energy Construction dba Green Energy Products is an LBE.