



**AGENCY:** City Council  
**MEETING DATE:** April 10, 2023  
**DEPARTMENT:** Public Works  
**PRESENTED BY:** Alfredo Huerta  
**EMAIL ADDRESS:** [ahuerta@fortbragg.com](mailto:ahuerta@fortbragg.com)

## AGENDA ITEM SUMMARY

**TITLE:**  
**Receive Report and Consider Adoption of Resolution Approving Contract with EcoGreen Solutions, Inc. for the Facilities Lighting Improvement Project, City Project No. PWP-00125, and Authorizing City Manager to Execute Contract (Amount Not to Exceed \$106,171) and Finding Project Exempt from CEQA under 14 CCR 15268**

**ISSUE:**  
 EcoGreen Solutions, Inc. (EcoGreen) conducted an efficiency survey of City-owned facilities in September 2022 at no cost to the City. After the survey was completed, EcoGreen finalized a Scope of Work for each facility to receive PG&E approval and funding in the form of no-interest loans for the Facilities Lighting Improvement Project (Project). On March 27, 2023, the City Council approved the PG&E loan documents. This action is to approve the EcoGreen Solutions contract.

**ANALYSIS:**  
 The Project includes the removal and replacement of various lighting components at the Fort Bragg City Hall, Public Works Yard, Water Treatment Facility, Wastewater Treatment Facility, and Police Department for the completion of energy saving recommendations. This work will be funded through On-Bill Financing (OBF) provided by PG&E, which was approved by City Council at the March 27, 2023 City Council meeting.

See Table 1 below for energy cost savings information for each facility. The total estimated loan balance is \$106,171. The payback period for the no-interest loan varies based on the cost of each facility. The loan terms and conditions are set to provide simple payback from energy savings during the loan term. The overall monthly payment of \$1,149.30 will be offset by the estimated average monthly energy cost savings of \$1,161.37.

**TABLE 1: Compiled Energy Cost Savings**

| Facility                   | Project Cost | Payback Period Years(Months) | Estimated Monthly Payment | Estimated Monthly Energy Cost Savings | Net Monthly Savings |
|----------------------------|--------------|------------------------------|---------------------------|---------------------------------------|---------------------|
| City Hall                  | \$29,584.46  | 8.43 (102)                   | \$290.04                  | \$292.58                              | \$2.54              |
| Wastewater Treatment Plant | \$21,361.64  | 5.83 (70)                    | \$300.87                  | \$305.34                              | \$4.47              |
| Public Works Yard and WTP  | \$12,204.12  | 5.24 (63)                    | \$190.69                  | \$193.92                              | \$3.23              |

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|                   |             |            |            |            |         |
|-------------------|-------------|------------|------------|------------|---------|
| Police Department | \$43,020.78 | 9.67 (116) | \$367.70   | \$369.53   | \$1.83  |
|                   |             |            | \$1,149.30 | \$1,161.37 | \$12.07 |

EcoGreen is an energy services company that specializes in energy efficiency upgrades, through utility company programs. They have experience working on these types of projects with PG&E for both private and public agencies and are qualified to provide us with the necessary service for this project.

**RECOMMENDED ACTION:**

Adopt Resolution approving Contract with EcoGreen Solutions, Inc. for the Facilities Lighting Improvement Project, City Project No. PWP-00125, authorizing City Manager to execute the contract (Amount Not to Exceed \$106,171); and finding the project exempt from CEQA under 14 CCR 15268.

**ALTERNATIVE ACTION(S):**

1. Request Additional Information.
2. Provide alternative direction to staff.

**FISCAL IMPACT:**

The monthly cost of the loan will be added to the facilities electric bill.

**GREENHOUSE GAS EMISSIONS IMPACT:**

There will be reduction in GHG emissions. The amount is yet to be determined but in general replacing incandescent lights with LED lights can reduce energy use by up to 75%.

**CONSISTENCY:**

This project is also consistent with California Government Code Section 4217.10-4217.18.

**IMPLEMENTATION/TIMEFRAMES:**

Estimated Construction Start – May 2023

**ATTACHMENTS:**

1. Resolution
2. EcoGreen Scope of Work

**NOTIFICATION:**

1. EcoGreen Solutions – Matthew Bennett