

CITY OF YUBA CITY  
STAFF REPORT

**Date:** June 1, 2010  
**To:** Honorable Mayor & Members of the City Council  
**From:** General Services Department  
**Presentation by:** Devin Barber, General Services Director

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**Summary**

**Subject:** Corporation Yard Solar Panel Installation Project (Award of Contract)

**Recommendation:**

- a. Award Contract No. 10-05, Corporation Yard Solar Panel Installation Project, Emard Electric of Loomis, CA in the amount of their bid of \$196,000.
- b. Authorize the City Manager to execute the contract on behalf of the City, following approval by the City Attorney.
- c. Authorize the Finance Director to make necessary supplemental appropriations in the amount of \$287,281.00 for work performed under the Corporation Yard Solar Panel Installation Project that is reimbursable through the American Recovery and Reinvestment Act (ARRA) Energy Efficiency and Conservation Block Grant (EECBG) to Account No. 941123 (Corp Yard Solar).
- d. Authorize the Finance Director to transfer remaining funds between previous DOE EECBG projects to this project which is the last to be completed with these funds.

**Fiscal Impact:** \$338,058.43 – Account No. 941123 (Corp Yard Solar), fully funded by an EECBG grants and broken down as follows:

- \$196,000.00 - Account No. 941123-65501 (Construction)
- \$137,648.65 - Account No. 941123-65504 (Construction Contingency)
- \$ 4,409.78 - Account No. 941123-65503 (Const/Admin Cost)

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**Background:**

The City has received federal funds available through the American Recovery and Reinvestment Act (ARRA) Energy Efficiency and Conservation Block Grant (EECBG) in the amount of \$574,700.00 for three projects, including the Corporation Yard Solar Installation project.

The Corporation Yard Solar Panel Installation project consists of installing photovoltaic panels on the roof of one of the metal sheds at the Corporation Yard and an inverter at the back of the building to generate electricity. This new system will result in a significant savings on electrical cost for this facility. The grant stipulates all savings generated through this system must be used to fund future

energy conservation projects. Staff estimated the annual savings to the City as a result of this project to be approximately \$10,173.00.

On March 16, Council approved the plans and specifications for the Corporation Yard Solar Panel Installation project and authorized the General Services Department to advertise for bids.

**Analysis:**

The project was advertised for bid in March 2010. Plans and specifications were provided to local builder/contractor exchanges. On April 15, 2010, five (5) bids were received and opened in the City Clerk's office. A list of the bids received and the engineer's estimate are shown below.

Company	Bid Amount
Emard Electric	196,000
Premier Power Reusable Energy	197,313
California Solar Electric	218,350
Erickson Construction Company	219,928
Beutler Corporation	260,942
<b>Engineer's Estimate</b>	<b>\$226,000.00</b>

Emard Electric of Loomis, CA is the low bidder.

Contract administration and inspection of the project will be performed by General Services Department, with assistance from Public Works Department staff. Project construction is expected to begin in June and continue through July 2010.

Additionally, both previous ARRA EECBG projects, Senior Center Solar and Citywide HVAC replacements, came in under budget in construction cost as well as in administration cost. Staff recommends a construction contingency of \$137,648.65 to assure that all remaining ARRA funds are expended. The contingency amount will provide sufficient funding to increase the size of the photovoltaic system at the Corporation Yard and allows the City to maximize the use of ARRA funds.

**Fiscal Impact:**

The Corporation Yard Solar project is funded from the American Recovery and Reinvestment Act (ARRA) funds. These funds come to the City via the Department of Energy (DOE) Energy Efficiency and Conservation Block Grant (EECBG) totaling \$338,058.43.

The City will receive a Performance Based Incentive (PBI) structure rebate from PG&E in an estimate amount of \$69,035.00 received over a five year period. These monies will also be allocated back into the fund to be used for future energy conservation projects as stipulated by the grant.

All cost associated with this project will be reimbursed.


**Alternatives:**

Do not award the contract and reject all bids.

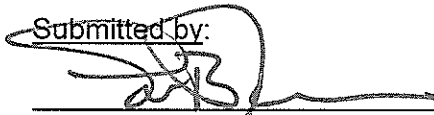
**Recommendation:**

- a. Award Contract No. 10-05, Corporation Yard Solar Panel Installation Project, to Emard Electric of Loomis, CA in the amount of their bid of \$196,000.
- b. Authorize the City Manager to execute the contract on behalf of the City, following approval by the City Attorney.
- c. Authorize the Finance Director to make necessary supplemental appropriations in the amount of \$287,281.00 for work performed under the Corporation Yard Solar Panel Installation Project that is reimbursable through the American Recovery and Reinvestment Act (ARRA) Energy Efficiency and Conservation Block Grant (EECBG) to Account No. 941123 (Corp Yard Solar).
- d. Authorize the Finance Director to transfer remaining funds between previous DOE EECBG projects to this project which is the last to be completed with these funds.

Prepared by:

  
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Analyst

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Department Head

Finance

City Attorney

  
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