



# Information and General Services Department

**Facilities Management**  
10014 N. Bloomfield Road  
Nevada City, CA 95959  
Phone: 530-470-2635  
Fax: 530-265-7087

*Information Systems  
Geographic Information Systems  
Facilities Management*

*Emergency Services  
Central Services  
Cable Television*

*Purchasing  
Airport  
Library*

---

## NEVADA COUNTY BOARD OF SUPERVISORS Board Agenda Memo

---

**MEETING DATE:** January 23, 2018

**TO:** Board of Supervisors

**FROM:** Steve Monaghan – IGS-Facilities Management

**SUBJECT:** Resolution approving the Acceptance and Final Completion of three of five Solar Energy Systems located at the Nevada County Carol F. Bryan Juvenile Hall, Eric Rood Administrative Center, and the Wayne Brown Correctional Facility for the Engineering, Procurement and Construction Agreement with SunPower Corporation, Systems for the Nevada County Energy Conservation Project with Contract Costs totaling \$3,913,553 and authorizing the Chair of the Board to execute the Certificates of Final Completion for these three systems.

**RECOMMENDATION:** Adopt the Resolution

**FUNDING:** This Project is being funded from New Clean Renewable Energy Bonds (NCREB) and is budgeted in and being paid out of the FY 16-17 Solar Energy Projects fund. There is no further impact on the General Fund.

**BACKGROUND:** As a result of previous action of the Board, Resolution 16-177 approved a contract for the Nevada County Energy Conservation and Generation Project. A Contract was entered into with SunPower Corporation, Systems of Richmond, California, in the amount of \$10,399,154 that included a provision for contingency of \$700,000 to engineer, procure, and construct five solar energy generation projects.

Three of the five systems have been completed and must be approved by the Nevada County Board of Supervisors as complete before the final payment for installation of \$181,475.65 less retention can be issued to the Contractor in accordance with Section 4.2 (Final Completion) of the Contract. The Contract balance remaining after this payment including retention for all five projects is \$2,954,203.47.

The original completion date for the entire project was December 1, 2017 but higher than average rainfall and PG&E interconnect issues caused substantial delays. A March to June 2018 timeline is anticipated for all five projects to be completed and brought to your Board for acceptance.

The solar infrastructure for the LOP project has been installed all the way into the PG&E grid. PG&E expects their final interconnection group inspections to be complete in February. PG&E began installing the special equipment Friday, January 5th and should have it completed in the next two weeks, about the same time as the inspections. The system will then be ready to generate at full capacity. The cost for this extra equipment will add \$163,167 to the total project cost for LOP.

The solar infrastructure for the Ranch has been installed up to the main disconnect pad and the concrete has been poured. PG&E is finishing the cost estimate and engineering for the interconnection into their grid. Once the PG&E estimate is completed, the final power poles will have their locations staked by

PG&E. SunPower will then be able to complete the remainder of their part of the infrastructure which includes four power poles.

County personnel involved with managing this project are doing everything possible to shorten the timeline to completion. Weekly meetings are held with the County and SunPower. All parties are proactively engaged in bringing these projects to completion as soon as possible. County personnel contacted upper management at PG&E and the CPUC to assist with the solutions to some of the PG&E delays which contributed to the timeline for the LOP extra safety equipment install date being moved forward to this week and we are working toward the same type of solution for the Ranch project.

The following three sites have been inspected by the Nevada County Building Department and the Project Manager who have determined that the three systems have been completed in accordance with the plans and specifications for these three sites:

1. Eric Rood Administration Center located at 950 Maidu Avenue in the amount of 2,053,699 including contingency was completed on July 5, 2017. There was one change order in the amount of \$17,218.04 for a total contract amount of \$2,070,917.04.
2. Wayne Brown Correctional Facility located at 925 Maidu Avenue in the amount of \$1,369,133 including contingency was completed on July 5, 2017. There was one change order in the amount of \$9,314.95 for a total contract amount of \$1,378,447.95.
3. Carl F. Bryan II Juvenile Hall located at 15434 Highway 49 in the amount of \$397,695 including contingency was completed on August 25, 2017. There was one change order in the amount of \$66,492.46 for a total contract amount of \$464,187.46.

The required Close Out documentation has been received from the Contractor including the Certificates of Completion for these three sites. This Resolution will authorize the Certificates of Completion to be signed by the Chair of the Board and release the final payment as invoiced for these three sites according to Section 5.5 (*Final Payment*) of the Contract. A Resolution requesting the recording of the Notice of Acceptance and Completion in accordance with Civil Code Section 9208 will be brought to a future Board when all five sites are approved as complete by Nevada County.

**Item Initiated by:** Tim Horner

**Approved by:** Steve Monaghan