



# Information and General Services Department

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*Information Systems  
Geographic Information Systems  
Facilities Management*

*Emergency Services  
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*Purchasing  
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## **NEVADA COUNTY BOARD OF SUPERVISORS**

### **Board Agenda Memo**

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**MEETING DATE:** March 23, 2021

**TO:** Board of Supervisors

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

**SUBJECT:** Resolution approving the bid construction documents and specifications for the Nevada County Eric Rood Administrative Center Generator Replacement, authorizing the Board Chair to sign the documents and directing the Purchasing Agent to solicit bids (Facilities Management)

**RECOMMENDATION:** Adopt the Resolution

**FUNDING:** This project will be paid out of the Fiscal Year 2020-21 Capital Facilities budget and funded through a onetime grant that was received by the Office of Emergency Services to help mitigate the impact of the Public Safety Power Shutoff (PSPS) in FY 19/20 in the amount of \$375,514. To date we have spent \$12,600 for the plans and engineering in support of the generator for the Eric Rood Administrative Center. This generator purchase will utilize \$178,047 of the available funding and the remaining \$184,867 of the PSPS grant funds will be spent on the installation services. Underground electrical wiring and PG&E site work may require additional funding. The engineers estimate is \$185,000 and a budget amendment will be included during the contract award process.

**BACKGROUND:**

The two existing standby generators at the Eric Rood Administrative Center (ERAC) provide approximately 40% of the electrical power required during a power outage. This results in department closures and sending employees home directly affecting productivity of County services. The solar array serving the ERAC goes offline during a power outage. Battery backup standby provides approximately six to eight hours of storage and would not be a suitable alternative power source. The standby generator will provide reliable electrical power during a power outage for an indefinite amount of time.

The main existing standby generator provides energy to the ERAC domestic water pumps, the IS Data Center UPS, the HVAC that cools the IS Data Center and other various circuits that have been added to help keep minimal functions on-line during power outages. The second standby generator services the Sheriff Office, old pressure pumps, the cell phone distribution yard adjacent to the pump house, and the Emergency Operations Center (EOC). Installation of the new generator set up will service these areas along with the remainder of the building. The new 500 kw Kohler generator and automatic transfer switch are on site and ready to be installed.

**Item Initiated by:** Tim Horner

**Approved by:** Steve Monaghan