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Agenda Date: 7/21/2015

Agenda Placement: 6H

## NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

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**TO:** Board of Supervisors  
**FROM:** JASON CAMPBELL for Steven Lederer - Director of Public Works  
Public Works  
**REPORT BY:** Jeff Brooner, Purchasing Manager - 707-259-8188  
**SUBJECT:** Sole Source Purchase

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### **RECOMMENDATION**

Director of Public Works requests the approval of a sole source purchase from GE Energy Power Conversion USA Inc., of Pittsburgh, PA of two (2) GEM80-500 Logic Controllers pursuant to Napa County Code Section 2.36.090 in the amount of \$23,126.30

### **EXECUTIVE SUMMARY**

This requested action will permit the purchase of two GEM80-500 logic controllers to replace an existing controller, in the central control room of the Jail, which has reached the end of its useful life. The second controller requested to be purchased is a backup for other controllers throughout the Jail which are nearing the end of their useful lives. These controllers are necessary for the operation of the Jail Security System and are only available from one manufacturer thus requiring sole source justification.

### **FISCAL IMPACT**

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Purchase of HOJ controllers are budgeted in the Jail Security Upgrade project PW 11-04. Fund 3000, Subdivision 300005-02, Program 11010.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The jail security system uses programable logic controllers which are nearing

the end of their useful life and was originally scheduled to be replaced next fiscal year. The County keeps a backup controller that recently has been put in use and needs to purchase this controller to replace it and an additional spare to accommodate future needs should the occur. The purchasing process includes a 16 week lead time and the jail cannot be without these controllers. The County will remove the requirement for purchasing these two controllers in the bid documents for the "Jail Security System Maintenance and Upgrade Project", PW 11-04 because of this advance purchase.

Is the general fund affected? Yes

Future fiscal impact: Purchasing these controllers now will mean that they do not need to be purchased next fiscal year as a part of the overall replacement project so there is no negative impact in future fiscal years.

Consequences if not approved: The GEM80 controllers are critical components of the Jail Security System. If the controllers fail, electronic security measure currently in place would be compromised. Manual locking and unlocking of cells may be required, increasing risk to jail personnel and inmates and increasing manpower requirements to operate the jail. Information important for the safety of personnel and inmates may not be displayed on control room computer screens. Control of jail security systems will likely be compromised if the existing controllers fail.

Additional Information:

### **ENVIRONMENTAL IMPACT**

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

### **BACKGROUND AND DISCUSSION**

On Nov 11, 2011 the Board approved a contract for the design of the "Jail Security System Maintenance and Upgrade Project", PW 11-04, which involves replacement of controllers, cameras, and intercoms that are critical to the operation of the Jail and are at the end of their useful life. Construction was split into two phases. Phase I involved creating a cold server room and a new central control room along with infrastructure needed to support the new control room has been completed. Phase II of the project involves installation or replacement of cameras and intercoms, installation of control room equipment, and replacing all controllers known as the "GEM 80" controllers by General Electric. Prequalification for the project has been completed but bidding for Phase II of the project has been delayed due to the August 2014 Earthquake and the desire to coordinate the project with the "HOJ Basement Project", PW 14-11, which is still in design to avoid expensive and disruptive rework to the security system.

Recently the Jail has had to put their spare controller in service which needs to be replaced well prior to implementation of Phase II of the security project. Since the County has been quoted a 16 week lead time from General Electric, a second controller will be purchased as well and kept as a spare. The County will remove the requirement for purchasing these two controllers in the bid documents for the "Jail Security System Maintenance and Upgrade Project", PW 11-04 because of this advance purchase.

The General Electric GEM 80 controller model being replaced in this project has been used in the Jail since 1989 and computer code unique to the Napa County Jail will only run on these controllers. Therefore, the County has and will need to sole source replacement of these controllers.

**SUPPORTING DOCUMENTS**

A . Sole Source Justification

CEO Recommendation: Approve

Reviewed By: Liz Habkirk