



**M E M O R A N D U M**  
**PUBLIC WORKS AND FACILITIES**  
**BUILDING MAINTENANCE DIVISION**  
County of Placer

TO: Board of Supervisors DATE: February 6, 2018  
FROM: Ken Grehm, Director of Public Works and Facilities  
By: Brad Boulais, Building Maintenance Superintendent  
SUBJECT: Building Maintenance / Consultant Services Agreement / MFDB Architects /  
Emergency Backup Power Upgrades to the Auburn Main Jail

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**ACTION REQUESTED**

Approve a Consultant Services Agreement with MFDB Architects, Inc., at an amount not-to-exceed \$54,890, to provide the design, specifications, and construction cost estimate in order to replace the failing generator systems at the Auburn Main Jail. Funding is available in the Capital Projects Fund in the FY 2017-18 Final Budget, Capital Projects Fund, Miscellaneous County Building Projects.

**BACKGROUND**

The Auburn Main Jail design comprises two (2) generators supporting the electrical emergency circuit. Both are within two (2) years of their rated useful life. One is currently failing to support the load on the emergency panels.

Existing conditions were evaluated by several subject matter experts, over the last two years, and they all agree the emergency power systems need to be replaced and rewired to support current electrical code requirements and provide a more reliable back-up power generating system within this critical detention facility.

In order to obtain a cost estimate, the County has solicited work for the design, construction drawings, and specifications for a new generator system and emergency electrical power panel upgrade. MFDB Architects and their team of engineering consultants have provided a comprehensive proposal to provide those services. In order to proceed, it is requested that your Board approve the Consultant Services Agreement with MFDB Architects and authorize the Director of Public Works and Facilities, or designees, to execute.

It is anticipated that construction costs to replace the emergency electrical service will exceed funding available in the FY 2017-18 Final Budget. Staff will return to your Board with the consultant's construction cost estimate and seek approval of plans and specifications and the appropriate budget revision.

**ENVIRONMENTAL IMPACT**

This project is exempt from review pursuant to CEQA guidelines Section 15301 – which exempts activities associated with the operation, repair and maintenance of existing public or private structures, involving negligible or no expansion of use beyond that existing at the time. This project involves no expansion of existing use.

**FISCAL IMPACT**

The estimated total design cost is \$54,890. Funding for this cost is available in the FY 2017-18 Final Budget, Capital Projects Fund, Miscellaneous County Building Projects.

On File with Clerk of the Board: Consultant Services Agreement

