



# Monterey County

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## Board Report

Legistar File Number: A 15-104

June 09, 2015

**Introduced:** 5/8/2015

**Version:** 1

**Current Status:** Agenda Ready

**Matter Type:** BoS Agreement

- a. Authorize the Deputy Purchasing Agent for Natividad Medical Center (NMC) to execute an Agreement with Quinn Power Systems for Maintenance of Generators and Automatic Transfer Switch Services at NMC for an amount not to exceed \$184,993 for the period July 1, 2015 through June 30, 2018.
- b. Authorize the Deputy Purchasing Agent for NMC to execute up to three (3) future Amendments to the Agreement which do not significantly alter the scope of work and do not cause an increase of more than ten percent (10%) of the original cost of the Agreement.

### **RECOMMENDATION:**

#### **It is recommended the Board of Supervisors:**

- a. Authorize the Deputy Purchasing Agent for Natividad Medical Center (NMC) to execute an Agreement with Quinn Power Systems for Maintenance of Generators and Automatic Transfer Switch Services at NMC for an amount not to exceed \$184,993 for the period July 1, 2015 through June 30, 2018.
- b. Authorize the Deputy Purchasing Agent for NMC to execute up to three (3) future Amendments to the Agreement which do not significantly alter the scope of work and do not cause an increase of more than ten percent (10%) of the original cost of the Agreement.

### **SUMMARY/DISCUSSION:**

NMC owns multiple Caterpillar Diesel Emergency Generators and maintain reliability by doing routine preventative maintenance and testing. Quinn Power Systems has the ability to provide emergency generator and automatic transfer switch preventive maintenance and testing services for NMC.

The Life Safety Code requires the hospital to provide reliable emergency electrical power to alarm systems, exit route and exit sign illumination, emergency communication systems, elevators, equipment that could cause patient harm when it fails, including life support systems, blood, bone, and tissue storage systems, medical air compressors, medical and surgical vacuum systems, and areas in which loss of power could result in patient harm, including operating rooms, recovery rooms, obstetrical delivery rooms, nurseries, and urgent care areas. Maintaining the reliability of the emergency electrical system requires periodic preventive maintenance to be performed. In addition, the Joint Commission requires that monthly emergency generator tests are conducted with a dynamic load that is at least 30% of the

nameplate rating of the generator or meets the manufacturer's recommended prime movers' exhaust gas temperature. If the hospital does not meet either the 30% of nameplate rating or the recommended exhaust gas temperature during any of the monthly tests then they must test each emergency generator once every 12 months using supplemental (dynamic or static) loads of: 25% of nameplate rating for 30 minutes, followed by 50% of nameplate rating for 30 minutes, followed by 75% of nameplate rating for 60 minutes, for a total of 2 continuous hours.

At least once every 12 months, hospitals must test each emergency generator under dynamic or static load that is at least 30% of the nameplate rating of the generator or meets the manufacturers recommended prime movers' exhaust gas temperature for a minimum of 4 continuous hours.

In addition to the generator maintenance and testing, the automatic transfer switches are required to be maintained in operating condition to provide automatic restoration of power for emergency circuits within ten seconds after normal power failure.

**OTHER AGENCY INVOLVEMENT:**

County Counsel has reviewed and approved this Agreement as to legal form and risk provisions, and the Auditor-Controller has reviewed and approved as to payment provisions. The Agreement has also been reviewed and approved by NMC's Finance Committee on April 23, 2015 and by its Board of Trustees on May 1, 2015.

**FINANCING:**

The cost for this Agreement is \$184,993 and will be included in the respective budget years FY2015-16, FY2016-17 and FY2017-2018. There is no impact to the General Fund.

Prepared by: Jeffrey Cleek, Director of Engineering and Safety, 783-2614

Approved by: Dr. Gary Gray, Interim Chief Executive Officer, 783-2504

Attachments:

Quinn Power Systems Original Agreement

Attachments on file with the Clerk of the Board