



**COUNTY OF SAN MATEO**  
Inter-Departmental Correspondence  
Public Works



**Date:** April 4, 2017  
**Board Meeting Date:** April 25, 2017  
**Special Notice / Hearing:** None  
**Vote Required:** Majority

**To:** Honorable Board of Supervisors

**From:** James C. Porter, Director of Public Works

**Subject:** Amendment To The Agreement With Carrier Corporation For Maintenance Of Absorber Chillers

**RECOMMENDATION:**

Adopt a resolution authorizing an amendment to the agreement with Carrier Corporation for maintenance of absorber chillers at the Youth Services Center, increasing the maximum fiscal obligation by \$100,000, for a new maximum fiscal obligation of \$200,000.

**BACKGROUND:**

A Capstone micro-turbine co-generation system is installed at the Youth Services Center. The co-generation system produces electricity by natural gas fueled motors for the YSC at a lower overall cost and has a lower "carbon footprint" than electricity provided by PG&E. Two absorption chillers, integral components of the system, were designed and manufactured by Carrier Corporation specifically for the system.

On April 1, 2013, the County entered into an agreement with Carrier Corporation for inspections and maintenance of the absorber chillers.

The agreement was amended on February 22, 2016 to extend the end date to March 31, 2017, and to add \$25,000 to the maximum fiscal obligation.

The agreement was further amended on March 28, 2017 to extend the end date to March 31, 2020.

**DISCUSSION:**

Currently, Carrier Corporation performs three operational inspections, an annual inspection, and tube brushing for the chillers.

.  
. .  
Because the chillers were designed, manufactured and are controlled by Carrier software, performing diagnostics and support cannot be performed without utilization of Carrier's proprietary controls.

We are requesting that your Board approve increasing the dollar amount for the agreement with Carrier Corporation to ensure continued maintenance support for this vital equipment.

The resolution contains the County's standard provisions allowing amendment of the County's fiscal obligations by a maximum of \$25,000 (in aggregate).

ISD has reviewed and approved the IT component of this amendment.

The Contracts Compliance Committee previously approved a three-year waiver request for this contractor.

County Counsel has reviewed and approved the resolution and amendment as to form.

Approval of this amendment contributes to the Shared Vision 2025 outcome of an Environmentally Conscious Community by reducing the net annual production of greenhouse gases through the utilization of the waste heat produced in combustion.

**FISCAL IMPACT:**

The amended term of this agreement is from April 1, 2013 through March 31, 2020. This amendment will increase the current contract amount by \$100,000 for a new not-to-exceed amount of \$200,000.

Funding for this amendment will be through facility service charges and rental revenues, and will be included in the FY2017-18 Recommended Budget and future years budgets.

There is no additional impact to the General Fund.